1	UNITED STATES DISTRICT COURT FOR THE DISTRICT OF MARYLAND	
2	SOUTI	HERN DIVISION
3	IN RE: KBR, INC.,	Civil No. RWT-09-md-2083
4	BURN PIT LITIGATION	Greenbelt, Maryland
5		March 13, 2017
6		9:00 a.m.
7		/
8	TRANSCRIPT OF MOTIONS HEARING	
9	BEFORE THE HONORABLE ROGER W. TITUS UNITED STATES DISTRICT JUDGE	
10	APPEARANCES:	
11	For the Plaintiffs:	
12	1	JAMES LEDLIE, ESQUIRE LISA SALZBERG, ESQUIRE
13	'	ELIZABETH SMITH, ESQUIRE
14		
15		ROBERT MATTHEWS, ESQUIRE
16	ļ .	BENJAMIN RAZI, ESQUIRE DANIEL RUSSELL, ESQUIRE
17		CHASE JOHNSON, ESQUIRE MARIANNE KIES, ESQUIRE
18		
19	<u>-</u>	Lisa K. Bankins RMR FCRR
20		United States District Court 6500 Cherrywood Lane
21	•	Greenbelt, Maryland 20770
22	Proceedings recorded by mechanical stenography, transcript produced by notereading.	
23		
24		
25		

1	TABLE OF CONTENTS
2	
3	MISCELLANY
4	Closing Argument by Mr. Russell 14
5	Closing Argument by Mr. Johnson 34
6	Closing Argument by Mr. Matthews 63
7	Closing Argument by Mr. Russell 86
8	Closing Argument by Mr. Razi 98
9	Closing Argument by Mr. Ledlie 102
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

1 PROCEEDINGS 2 THE COURT: You may proceed, Mr. Matthews. 3 MR. MATTHEWS: Good morning, Your Honor. Always a pleasure to be back in front of this court --4 5 THE COURT: I bet you're happy you weren't scheduled for tomorrow. 6 MR. MATTHEWS: Well, I was just going to say I'm 7 8 looking forward to completing this by no later than rush 9 hour. Maybe sooner than that. Maybe we can all get out 10 of Dodge. 11 Before we proceed to present KBR's closing 12 argument, we would like to take the opportunity as 13 provided by the court late in the day on Friday to submit 14 our counter-designations to plaintiffs' witnesses. And to 15 that end, Ms. Marianne Kies is going to make that 16 presentation. With the Court's permission, we'll proceed. 17 THE COURT: You may. MS. KIES: Good morning, Your Honor. 18 19 THE COURT: Good morning. 20 MS. KIES: On Friday, as Mr. Matthews 21 referenced, plaintiffs' counsel directed this court's 22 attention to and made an argument regarding portions of 23 the deposition testimony of Wes Bennett, James Loehrl, 24 David Palmer and Damon Walsh. And KBR at this time would 25 like to direct the court's attention to key testimony from

these witnesses that was referenced in KBR's designations. And in addition, KBR would like to direct the court to testimony from General Kirk Vollmecke whom plaintiffs originally listed as a live witness and KBR was prepared to cross-examine.

My presentation is not an exhaustive list with KBR's designations for these witnesses and we have complete transcripts containing all of the designations for the court's convenience which I would be happy to provide.

THE COURT: Well, thank you. If you could do that, it will be very helpful.

MS. KIES: Beginning with Mr. Loehrl, Mr. Loehrl was the executive director of Rock Island Contracting

Center. Mr. Loehrl confirmed that the military made the jurisdictionally dispositive decisions in this case.

First, although plaintiffs suggested that Mr.

Loehrl did not know who decided the method of waste disposal, Mr. Loehrl did confirm that it was the military. He testified that the military assigned KBR the burn pit mission and he has no knowledge of KBR ever operating any burn pit without authorization. And directing the court's attention in particular to page 148, lines 11 to 14. When asked of any personal knowledge that KBR operated a burn pit in an unauthorized manner, he answered no, I do not.

To the contrary, Mr. Loehrl personally directed KBR to continue to use burn pits as late as 2010. That's KBR Exhibit 59, which this court has previously seen a letter from Mr. Loehrl to KBR instructing KBR to continue operating the burn pits.

The military decided if and when to bring incinerators into theater. When asked whether KBR has the discretion to unilaterally decide to purchase an incinerator and bring it into the theater, he answered no.

In fact, another key point of testimony from Mr. Loehrl explaining the incinerator issue is that military efforts to bring incinerators into theater were delayed because the U.S. government violated federal procurement laws.

Finally, with respect to the integration point, plaintiffs themselves quoted Mr. Loehrl's testimony that KBR had to be connected and integrated in with the military so that "all were moving in the same direction."

The next witness is Lieutenant Colonel Damon Walsh who was the DCMA commander for northern Iraq.
Lieutenant Colonel Walsh testified that DCMA translated, communicated General Sanchez's orders to KBR. He also like Mr. Loehrl confirmed that the military made the key decisions, including the decision to use burn pits. And we would direct the court's attention to page 12, lines 1

to 10 of Lieutenant Colonel Walsh's testimony. When asked based on his experience as a DCMA commander, if he had an understanding of whether it was the military or a contractor who decided which method of waste disposal to use, he answered yes. And when asked what is that understanding, he said it is the military's responsibility to decide what the waste disposal method is at all locations.

In light of that decision, Lieutenant Colonel Walsh explained no additional authorization was necessary for KBR to use burn pits. That's pages 127 and 131.

Testimony as to location the military decided as to incinerators, the military decided. When asked to describe the conversations that Lieutenant Colonel Walsh personally had regarding incinerators, he explained and again speaking as a DCMA commander, in some cases we approved it and in some cases, we didn't, depending on the circumstances for the individual count. That's at page 3725 to 3814.

Finally, the military decided which services KBR was to perform and where including when and where KBR provided waste management services.

The next witness is General Kirk Vollmecke. He was a theater DCMA commander. Like Colonel Walsh, he is not aware of KBR offering any burn pit without

authorization -- apologies. Like Mr. Loehrl. He confirmed that the military made the jurisdictionally dispositive decisions, including use, including location, including incinerators.

The next witness is David Palmer. Mr. Palmer was a KBR employee. He was a theater contracts manager confirming that the military made the key decisions in this case. The military directed KBR to use burn pits. Like several other witnesses, Mr. Palmer is not aware of any instance where KBR operated a burn pit without authorization.

Directing the court's attention to page 111, line 16 to 23, when asked if he is aware of any instance where KBR operated a burn pit without the government's knowledge, he answered no, that absolutely would not happen. With funding streams, funding reporting, quality assurance reporting, that could not have occurred. That was Mr. Palmer's testimony. Location, the military decided. Incinerators, the military decided.

Finally, Mr. Wes Bennett, another DCMA employee. He was an administrative contracting officer or ACO. Mr. Bennett explained that as an ACO, he provided feedback to KBR when he believed KBR was not "meeting contractual requirements." He also discussed KBR's close working relationship with the military. In particular, that KBR

"provided the services while also using the services while living hand in hand with the military." That's at page 108, line 19 to 109, line 3.

Finally, like the other witnesses, Mr. Bennett confirmed that the military made the jurisdictionally dispositive decisions. Again, those are use, location. And finally, that the contract itself authorized KBR to use burn pits. And that completes my presentation.

THE COURT: All right. Thank you very much.

MR. MATTHEWS: Your Honor, one other and final matter before we proceed to the closing presentations. We would like to at this point request that the court formally resolve our motion to strike on the issue of the declarations. I wish to say a word or two about that.

We did hear from counsel last week, I believe it was on the second day that plaintiffs have now said they don't believe those declarations are relevant. There was a qualifier about that's because the court must accept the allegations of noncompliance as true. That is not so. There's no factual or legal support for that proposition. They are not one in the same. But the fact is the court concluded that these were not relevant. That is correct. And we think in order to ensure that the record is clear on these issues, that an order should issue that recites that point, that recites that plaintiffs were given the

opportunity to make another submission by last Tuesday in an effort -- if they so chose to convince the court that there was relevant and nonhearsay testimony. Plaintiffs did not do so. The record should reflect that. So the record should reflect in fact the court's observation based on the examples that were provided by both parties on this issue that the declarations were pure hearsay. I don't know if this is first or last, but the record should reflect that more than anything else, the 700-plus declarations violated the court's rule on 20 witnesses and the court's admonition that 20 means 20.

respectfully request that there be some formal resolution of our motion to strike so the record is clear on those points. And we have prepared a revised proposed order. We haven't prepared. We had prepared, but apparently, it got lost on the printing room floor. So we are prepared to submit a revised proposed order.

THE COURT: Well, we can print things for you here if you need to have something printed.

I made my position I think clear about this when we had the proceedings the week before last with you and Mr. Ledlie. These are declarations that have been filed in the case, but not filed necessarily in support of or in opposition to the motion that's before me except in a

footnote on one page of the plaintiffs' opposition. I was shown excerpts from several of these declarations. I expressed skepticism that they were relevant. I also made it clear that some of the information was clearly hearsay. Some of it had -- and the vast bulk of it had nothing to do with any issues before the court in this case.

I, therefore, directed counsel for the plaintiffs if they wanted to in fact rely upon any of these declarations, they should give me a list of which declarations they want to rely upon and which paragraphs so I could make a determination whether to do so. They have not done so.

And if I recall the statement made at the beginning of this proceeding last week, it was that they are not really relevant. Well, if they're not relevant and they've never given me anything about it, I'm simply not going to consider them. I have given the plaintiffs the opportunity to identify which declarations they want to rely upon and what paragraphs so that I can make a determination. But I'm not going to go on a hunt through page after page after page of declarations, most of which deal with matters not germane to the purely jurisdictional issues before me or the fact issues on the pure jurisdiction questions and in the absence of anything new from the plaintiffs, I'm not going to consider those

declarations. Anything that the plaintiffs want to say in response to that?

MR. LEDLIE: Yes, Your Honor. The Kerns case governs the fact that the -- the fact that given the procedural posture of the case, Your Honor, the fact that we were not afforded any meaningful discovery as to the violations at the various bases, that at this juncture, Your Honor, you are required to accept the plaintiffs' allegations of violations as true for purposes of resolving the motions before the court today.

THE COURT: That doesn't help me on the question about the declarations. That may be your position on how I resolve the jurisdictional question. But I asked you to give me which declarations you wanted me to look at and which matters that were properly before me in a sense that they weren't rank hearsay and properly before me in the sense that they related to something germane to the issues before the court today and you didn't do it.

MR. LEDLIE: I understand, Your Honor. I'm responding to counsel's argument that you're not required to accept those allegations as true for the purposes of this hearing. It is legal support for it. I just wanted to direct Your Honor's --

THE COURT: Whether there's a breach or not a breach is not germane to the issues before the court

1 today. 2 MR. LEDLIE: That's untrue, Your Honor. 3 THE COURT: Well --MR. LEDLIE: The violation of the contract, Your 4 5 Honor, shows a lack of control. That's been our --6 THE COURT: Well, then you need to tell me which 7 declarations you want me to look at. I've told you that 8 before. 9 MR. LEDLIE: I understand, Your Honor. 10 understand Your Honor's ruling --THE COURT: And you haven't done it. So if you 11 12 haven't done what I've asked you to do, I can't look at 13 declarations that have not been identified as to which 14 ones you want me to look at and what portions of them 15 because there's a large number of declarations with 16 hundreds and hundreds of pages that have huge amounts of 17 information that's either hearsay or not relevant to the So you need to tell me which ones even under your 18 case. 19 theory of relevancy as to why you think it's relevant and 20 you haven't done it. 21 MR. LEDLIE: If Your Honor hasn't identified 22 whether you're going to follow the Kerns case or not and 23 accept our allegations as true, if you do, they're 24 completely irrelevant, Your Honor. We agree because we 25 don't need to prove that. But we've stated our position

and that's why it's in a footnote that that is the law that controls this case and because we don't believe that they are relevant because you must accept those allegations as true, we understand Your Honor's ruling.

MR. MATTHEWS: Your Honor, I don't think this is the proper time. We want to get on to the closing.

THE COURT: All right. Well, let's get on with the closing argument and I'll further consider it later.

MR. MATTHEWS: Thank you, Your Honor.

Your Honor, I'd just like to give you a brief roadmap of how we are going to proceed. We are going to proceed in multiple steps. I think it will be as efficient for the court as we could possibly be. So we've broken it down as follows. We will first address the key legal principles and case law, the precedence underlying these proceedings. And on those issues, Mr. Russell will get up in a minute and make that presentation.

After that, we're going to summarize what we consider to be the salient facts that are applicable in these proceedings that speak to ultimately the two threshold issues before the court, the political question and combatant activities. Mr. Chase Johnson will deliver that presentation.

We'll then proceed to try to synthesize the law and the facts as they apply to the political question

doctrine. I will be making that presentation.

We'll do the same, synthesizing the law and the facts for Combatant Activities Preemption. Mr. Russell will return to the podium and make that presentation. And then finally, we'll have a few closing observations to share with the court and Mr. Ben Razi will delivers those comments.

With that, Your Honor, may we proceed?

THE COURT: You may.

MR. MATTHEWS: Thank you.

MR. RUSSELL: Good morning, Your Honor. We have a slide presentation that we intend to use today. I've got a copy of my slides for the court as well as a complete copy of all the slides that will be presented to the court. Can I approach?

THE COURT: Yes, you may.

MR. RUSSELL: Your Honor, at this point the court has received an enormous amount of evidence, extensive briefing, extensive documentary evidence, extensive witness testimony over the last few days. And let me say we very much appreciate the Court's time in allowing both sides to present their evidence on KBR's motion.

At the outset today, we wanted to provide just a brief overview of the legal landscape within which KBR's

two defenses reside. We recognize the court is familiar with several of these key principles. We recognize that these issues have been briefed extensively. But in light of some of the arguments that were raised by plaintiffs last week in light of some of the questions this court asked, we thought it would be useful not to cover all of the case law in detail, but to point out a few key take-aways and relevant portions from the universe of case law relevant here.

So to begin with, I just have one slide on an overview of our two defenses and as we would note, these two defenses, they arise from different constitutional origins and rationales, but they very much are two different ways to the same place and they have different fundamental rationales, but the same central theme as applied in this case.

Our first defense is the political question doctrine. As Your Honor is aware, this is a doctrine that arises from the Constitution's separation of powers, the fundamental design of our government. And as applied to a battlefield contractor suit such as these, the primary -- a primary purpose of the political question doctrine is to avoid inappropriate judicial scrutiny of sensitive military judgments. And, Your Honor, that's a phrase that you hear quite a bit in the case law. I think you'll hear

quite a bit today and it's really at the heart of both of these defenses. This notion that there are sensitive military judgments that are committed and reserved to the political branches of government and to the federal government and I'll turn on that point to our preemption defense, which is rooted in a separate, but equally fundamental concept of our government. Federalism, the supremacy clause of the Constitution. And the notion that under our federalism design, the federal law is the supreme law of the land and insofar as state law would conflict with federal law or federal interests, state law is preempted.

And as applied here in the contractor battlefield realm, one of the key goals of the Combatant Activities Preemption defense as set forth in the case law is to avoid state tort law touching, impacting, affecting sensitive military judgments. Again, this is a matter that the courts have made clear that is exclusively reserved at the federal level and the imposition of any non-federal duties in this realm is inherently at odds with these uniquely federal interests.

And so we would capture the unifying theme here as both of these fundamental constitutional doctrines are designed to avoid interference with sensitive military judgments which our Constitution tells us, the case law

tells us, these are matters that must have a single arbiter, a single boss and that is the executive and political branches as well as the federal government.

Turn now quickly to the legal standards applicable to these defenses. As Your Honor is aware, KBR's 12 -- political question doctrine defense arises under Rule 12(b)(1). It is the plaintiffs' burden to establish this court's subject matter jurisdiction. As to our preemption defense, that motion is brought under Rule 56. It is black letter law. KBR has the initial burden having brought forth evidence to establish its entitlement to judgment as a matter of law. Of course, that burden shifts to the plaintiffs to show a genuine dispute.

And we'd just note again for the court that, of course, we are not moving for summary judgment on the merits. We're not moving for summary judgment on say breach of contract. We are moving for summary judgment as to an affirmative defense, which is separate and apart from the merits and is centered on these notions of control and integration, which Your Honor chartered a course long ago to resolve independent of merits issues.

So I want to run through some of the key cases that are cited by the parties. I won't dwell on these I hope any longer than necessary and I will be placing particular emphasis on two cases. The Carmichael case and

the Saleh case. But let me just list for the court the key cases that are cited by the parties and then I'll walk through them spending a little more time on some than others.

And, Your Honor, I want to note before I get into the case law, of course, the court should be guided by these precedents, but make no mistake, Your Honor, there has never been a state tort suit, a set of lawsuits like those here. These cases are truly unprecedented. And unlike any other previous battlefield contractor case, these lawsuits, 60-plus lawsuits, 800-plus named plaintiffs, these present a challenge to the very manner and methods by which the military directed and performed basic life support functions throughout two war theaters across nearly a decade. It's an observation that this court made long ago and it remains very, very true. And in light of the evidence that's been presented, I would submit that it's even more significant, the breadth and scope and nature of the claims here unlike any other.

So I'll turn now to a quick summary of the key take-aways from the case law. I'll begin with the Carmichael case.

The background of the Carmichael case you're aware it's a convoy accident, but I want to point out a few things. One is the Carmichael lawsuit arose out of

the LOGCAP III contract, just like this one. The basic contract principles, the basic contract provisions that are applicable here are the very same provisions that were applicable in Carmichael.

Also wanted to note that the Eleventh Circuit in Carmichael recited some of these overarching regulations that govern the relationship between contractors in the battlefield and the military. And if these regulations look familiar, it's because they've been presented in this case. And I would just note for Your Honor that these are not new regulations. This is not new doctrine, but in fact these are doctrines and policies that have been in place and have been discussed by all of these -- the courts in all of these cases.

And the last note by way of background in Carmichael is that the court noted there that, of course, KBR had a contract under which there were regulations and provisions that applied and the court even made reference to this concept of performance standards which has been made an issue in this case. And, of course, in that case, the LOGCAP III contract governed KBR's performance and there were performance standards in that case.

The Eleventh Circuit also noted this provision in KBR's contract that states that KBR had responsibility for supervising employees. Again that's a provision that

applied in every single LOGCAP III case. And I summarize the background here with the core allegation which is really it's a one day, one time allegation of failing to comply with standards and the allegation that KBR's negligence caused injuries there.

So turning from the background and I'll just cover this very briefly. But the Carmichael case earlier on in the jurisprudence surrounding these sort of recent wave of battlefield contractor suits summarized kind of how you look at the basic political question doctrine in this context and said, yes, you have to do this discriminating inquiry. You have to look at the precise facts of the case and beyond that, you have to look at the precise facts, the precise posture and look at how the case would be tried, how the claims would be presented, how the defenses would be raised and you have to determine looking forward whether a political question will emerge.

And in other words, what is said here, which is very fundamental is the court can't limit itself to high level doctrine, it can't limit itself to policies that might apply in any -- in all context. The court must look past that to the specific facts, the specific context, the specific claims and defenses and really dig in on those facts to determine whether a political question will emerge.

The next point on Carmichael that I wanted to emphasize is again this notion of sensitive military judgments and in this case, the Eleventh Circuit began with the finding that looking at the key decisions governing the challenged conduct, the military made those decisions. These include at the date and time of the convoy, speed, route, et cetera.

And the court went on -- the Eleventh Circuit went on to make two very critical findings. The first is that each of those critical decisions, each of those decisions was made exclusively by the military. And the second is that not only were these decisions exclusively made by the military, but they are uniquely military decisions. They are specific to and can be exclusively made by the military because they require military expertise and military judgment.

And then the bottom line conclusion is the Eleventh Circuit then looked at the facts in Carmichael and held that the circumstances of that case were so thoroughly pervaded by these military judgments, these military decisions, that it would be impossible to make a determination regarding KBR's potential negligence without bringing those essential military judgments and decisions under searching judicial scrutiny.

In addition, the Carmichael court found that

given the very uniquely military character of the events at issue, the fact that the military dimension of the underlying events was so utterly central, that these types of facts, these types of circumstances were very again uniquely military and the court said we, courts, we lack standards with which to review many basic questions that are traditionally entrusted to the military.

I want to turn now to several of the arguments that the plaintiffs in Carmichael made back when we litigated these cases or -- I'm sorry -- this case. And the first argument that I wanted to flag that was made by the Carmichael plaintiffs is this notion that commanders cannot give direct orders to KBR. That very argument was made in Carmichael. Here is the quote from the case. "The plaintiffs emphasized that the driver couldn't receive orders directly from the military." The Eleventh Circuit looked at that fact and said that's irrelevant. The fact that the military order was conveyed through a conduit says the Eleventh Circuit, that's a distinction without a difference. It's really irrelevant to the analysis.

The next argument that was made by the Carmichael plaintiffs is that KBR had control and they said, look, the way you look at control is down in the weeds. You look at the KBR driver. He's driving the

truck. He can turn the wheel. He's the one in control. And the Eleventh Circuit considered that position, looked at the wealth of evidence in that case, pointing to the pervasive military decisions and the Eleventh Circuit said that's beside the point. That doesn't matter. It's a little more than a play on the words "control" and "responsibility." It doesn't change the fact that KBR in that case was operating at all times under orders and determinations that were made by the military.

And finally, the last argument that the plaintiffs in Carmichael made was this argument that they were only challenging KBR's conduct because it was KBR's negligence alone so said the plaintiff that caused their injuries. And in fact the plaintiffs pointed to evidence in that record that suggested the KBR driver was at fault.

The Eleventh Circuit considered that argument, again considered the wealth of evidence showing the pervasive military decisions and judgments involved in the circumstances at issue and the Eleventh Circuit said there's no way, it is impossible for the plaintiffs in this case to show that KBR was the sole cause and that as a result, the court would need to consider pivotal military judgments and that that was not permitted by the political question doctrine.

Turning now, Your Honor, to the Fourth Circuit's

Taylor decisions. Some quick background. Again another LOGCAP III contract. Another case in which the same basic contract provisions, the same overarching regulations applied and the Fourth Circuit recited those regulations.

Again the core allegation in Taylor had to do with a maintenance worker turning on a generator on one day at one time. And this is important. The allegation which was accepted by the Fourth Circuit was that KBR had acted directly contrary to a military directive. And the quote here from the Fourth Circuit shows that that allegation was, you know, considered by the Fourth Circuit and ultimately, of no consequence to the political question ruling.

And I note just real quickly that one of the provisions in the LOGCAP III contract that was cited in Taylor sort of basic safety provision was equally applicable in the Carmichael case. But because the court was conducting a discriminating inquiry, it considered the relevance of that provision in light of the facts. And so in Taylor, when it did its analysis, which I'll turn to in a minute, it considered some provisions in the contract of some consequence to the Taylor discriminating inquiry analysis, whereas the Carmichael court looked at the same provisions and didn't think they were relevant at all.

The Taylor court set forth those two factor

tests that we're all very familiar at this point, which centers on these notions of control under the first Taylor factor and under the second Taylor factor whether national defense interests were closely intertwined with the military decisions governing KBR's conduct.

And applying those factors to the Taylor case, the Fourth Circuit found, first of all, that the military didn't exercise plenary control over that conduct and that was the maintenance of a generator under a specific work order on one day. However, the Fourth Circuit quickly turned within a sentence or two to find nonetheless, there's no way we could try this suit without having to review, assess, second guess these sensitive military judgments.

And the sensitive military judgments in that case for which the Fourth Circuit found there were no discoverable or manageable standards for evaluating, that the ones that the Fourth Circuit specifically focused on had to do with how you set up an electric power system on a military base, how you provide a basic core support function to a military base. And the Fourth Circuit said we, courts, relax standards to assess such matters. These are matters committed to the executive political branches of government and if we were to inject ourselves here, it would show a lack of respect for the executive branch.

Turning from there to the Harris case from the Third Circuit. Again a quick background slide. Another LOGCAP III contract, another case in which the court recited these overarching regulations, these overarching doctrines governing contractors in the battlefield.

In that case, again we had an allegation that on one day under a single work order or more than one work order, KBR had failed to comply with certain standards and again the allegation was that that failure was the cause of plaintiff's injuries.

Turning to the holding in Harris. One of the parts of the Harris decision that is often overlooked, Your Honor, because it's in a footnote is that the Third Circuit reaffirmed that where plaintiffs seek to directly call into question strategic military decisions, where they do that, the political question doctrine plainly bars those claims. And in fact, this was such, I suppose, such an obvious point, such an undisputed point that it was relegated to a footnote in the opinion. The Third Circuit cited the liability theories that directly called into question strategic military decisions there and they included the failure to warn, the failure to provide alternative remedies. And the Third Circuit sort of gave the back of the hand to those arguments and said no, there's no way that those could get past this political

question doctrine, they are barred.

It went on to say, of course, that as to the narrower claims involving installation or maintenance of a single pump under a work order, the Third Circuit held those may be justiciable. It didn't hold they were. It said it may be. And, of course, the Third Circuit held that there was a requisite choice of law analysis to make that determination.

I turn now very quickly to the burn pit case. I won't belabor this. I know Your Honor is very familiar with this. But just for the sake of completeness, the analysis from the Fourth Circuit in the remand opinion focused very much on who made these key decisions and who, the military or KBR, for example, decided to use burn pits, et cetera.

I'll shift then to a more recent Fourth Circuit case, the Al Shimari decision of 2016 and briefly discuss this. First of all, by way of background, I think it's clear from the Al Shimari opinion from the facts underlying that case that it's a case of a very different nature to the one we have here. It involves allegations that are a world apart from the allegations here. But I would say this is the most recent example in which the Fourth Circuit has addressed the political question doctrine in the context of a battlefield tort suit. I

would also note that that case involved allegations of breach of contract and so there is certainly useful guidance from the Fourth Circuit in the Al Shimari opinion.

And turning to that holding, first of all, this isn't particularly useful here, but the court pointed out that unlawful conduct is justiciable irrespective. And I think that quote is perhaps cut off, but it's not particularly relevant here. What is relevant is what the court said about conduct that's not unlawful, sort of simple negligence, simple breach of contract claims.

What the Fourth Circuit said in Al Shimari was claims that -- challenged conduct that was not unlawful, those claims are shielded from judicial review when either they are committed and occurred under the actual control of the military or they involved sensitive military judgments. So again this is the most recent exposition by the Fourth Circuit on the political question doctrine as applied to battlefield contractors.

Turning now to a few cases on preemption, the seminal case here is the Saleh case. It is the Saleh case provides the preemption test that was adopted by the Fourth Circuit and will be applied by this court. So I'll spend a little bit of time on Saleh.

The basic backgrounds in Saleh, again this is a

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

different type of animal I suppose, allegations of torture, et cetera. But one point about Saleh that I did want to point out is the procedural history of Saleh.

Saleh, the D.C. Circuit had before it claims against two different contractors and the district court judge had dismissed claims against one contractor, but not against the other. It found that some claims were preempted and others were not. And what it focused on to make that distinction was the contractor's ability to supervise its own employees. The district court pointed to the army regulation 715-9, which has been cited in this case and pointed out that, you know, under general policy, under army policy, contractor personnel are not given direct orders by the military. And again it pointed to a provision in the contract in that case that said the contractor is responsible for providing supervision for contract personnel. And the D.C. district court thought that was relevant. The D.C. Circuit disagreed. The D.C. Circuit found it doesn't matter. It doesn't detract meaningfully from the military's operational control. In other words, it's a distinction without a difference.

The key fact according to the D.C. Circuit, which adopted the preemption test at issue here, the key fact was were these employees melded into the military mission, were they performing a common mission. Again,

it's not were they being given direct orders by the military. It's were they performing a common mission.

And so Saleh sets forth this very broad battlefield preemption rule and I have a few quotes from that decision here and I would just note for the court that this language cited at the top of this slide that "the federal government occupies the field," that's language that echoes -- comes back in the burn pit decision from the Fourth Circuit. It's quoted, it's cited and it is adopted by the Fourth Circuit as applied here.

Turning to the specific test Saleh set forth, of course, during wartime where the contractor is integrated into combatant activities over which the military retains command authority, the tort claims arising out of that engagement shall be preempted. That's the test this court will be applying. And I want to jump ahead a little bit here because there's certainly some questions that this test raises and the Fourth Circuit answered some of them. And it said what does this mean, integration, control, command, authority? What does that mean? And the Fourth Circuit said by focusing on whether the contractor was integrated, the Saleh test ensures that the FTCA will preempt only state tort laws that touch the military's wartime decision making.

And so as the Fourth Circuit interpreted this,

the key indicia of integration, the key indicia of command authority is whether state tort law would touch military wartime decision making. And so when you're trying to determine where you draw the line, where is integration sufficient, where is command authority sufficient, we would submit the answer is not in a dictionary. The answer is in looking at the claims, looking at the record evidence and asking if these claims were allowed to proceed, would state tort law touch military decisions? That's the preemption test adopted by the Fourth Circuit.

one last point on Saleh, the plaintiffs' arguments there included this notion that the government itself had openly condemned the behavior at issue and as the plaintiffs argued, the contractor there, so said the plaintiff, breached its contract, the military lacked authority to discipline Titan employees. That was of no consequence. Those issues were immaterial to the preemption analysis.

Just a couple of other cases on preemption, Your Honor. The Harris case really just two points to make there. One is as I referenced earlier, the broad claims that challenge military decisions, those weren't at issue in Harris. Its preemption holding didn't address such claims. It's preemption holding did address these narrow claims. And the finding of the Third Circuit in Harris

was that KBR had discretion in fulfilling individual work orders and that as a result of that discretion, the preemption defense did not apply.

And the last case I have here again for the sake of completeness is the Fourth Circuit preemption holding, which we have distilled really this notion of control and integration, which, of course, the Fourth Circuit found to be very much related concepts, a very much overlapping set of facts. And this notion of control is distilled into the question of who made the key decisions. And this notion of the extent of integration is really gets down to are these challenged activities ones that stem from military decisions or is the plaintiff in the case challenging matters that are within the sole discretion of KBR?

And, Your Honor, we submit the take-away from the Fourth Circuit and what's left for this court to decide is really distilled into those two questions and again it gets back to sensitive military judgments and whether or not state tort law would touch, affect, impact those judgments.

Your Honor, that closes my discussion of the preemption case law. Very briefly, I wanted to touch on the Kerns case that the plaintiffs have raised. Just to make a few points about Kerns if I could.

Your Honor, I think this is an issue that this court long ago recognized. That this court chartered a course to avoid. This court entered a case management order a long time ago in which it said "these issues of control and integration, that's in one silo. These issues of breach violations, it's in another silo. You all so said the court, you're free to do discovery on either of these things. But at the end of the day, the issues that are up for grabs in our motion --"

THE COURT: But what's your response to their contention that the breach question is relevant to the question of control or lack of control? You've got an out-of-control contractor breaching the contract all over the place. That's as I understand their position. I should consider it insofar as it relates not to the merits of the case, but to the question of control.

MR. RUSSELL: The first answer, Your Honor, is that's not how the Fourth Circuit framed the issue and the second answer, Your Honor, is that if that were the case, two things would be true. One is the plaintiffs on remand should have told this court that this whole exercise would be an exercise in futility because I don't know why we're here if the proposition they begin with is you have to accept breach and having accepted breach, we win. And relatedly, I really think it conflates the merits with the

jurisdictional issue and if adopted, one would be contrary 1 2 to all of the prior case law, which involved allegations 3 of breach, but nonetheless found cases were barred. But also it would require KBR to defeat the plaintiffs' claims 4 on their merits to establish that this court in fact has 5 no jurisdiction. And we suggest -- submit to the court 6 7 that there's no support in the case law for that, it's an 8 irrational rule and again, it's not how the Fourth Circuit 9 framed the issue. 10 THE COURT: All right. 11 MR. RUSSELL: Thank you, Your Honor. 12 THE COURT: Thank you. 13 MR. RUSSELL: If there is no other questions, 14 I'll turn it over to my colleague, Mr. Johnson. 15 THE COURT: All right. Mr. Johnson? 16 MR. JOHNSON: Good morning, Your Honor. 17 Your Honor, I suspect if we were in a 18 non-electronic world, we would have had to wheel box trucks of banker boxes of documents to your chambers in 19 20 this case. And as a result, I do want to just focus the 21 court's attention on some evidence that was presented 22 during the course of this hearing and in the record. It's 23 by no means meant to be exhaustive. It is, of course, an 24 opportunity to answer any questions the court has about

the record that the defendants have created.

25

Initially, of course, I have some slides that we'll go through. Mr. Razi is bringing up to the court's attention.

So, Your Honor, the evidence in this case as in the record as was presented in this witness stand in the course of the last two days of hearings makes clear that the military, starting with General Sanchez in 2003, carrying forth well into 2010, decided to use burn pits during the conduct of Operations Enduring Freedom and Iraqi Freedom.

When General Sanchez arrived at the Baghdad International Airport in 2003, he not only was conducting a combat operation, he was also facing a health crisis. He described overflowing latrines, he described trash. And his concerns that, of course, you can't fight a war with sick service members and their health is paramount to his ability to conduct a military operation. And this is exactly what he told you and it's what you see here on this screen before you, which is that within 48 hours of arriving, he mandated the use of burn pits. And he was asked what he expected to be burned in those burn pits and he said the things that a deployed force produces.

And he made that decision not based on, you know, some sort of hasty thought process, but based on his understanding of the operational environment of his

requirements of his resource limitations and that was the order that he implemented and he was the only person who had the type of information to have made that type of analysis as he said in the next slide.

And I don't want to go through all of his hearing testimony here, but the point of this reference from March 9th at page 85 is that he's going through this risk benefit calculus. And this is really key to understanding the process is that it requires General Sanchez from his aptitude and with his ability to understand the political situation and the operational situation and the resource situation, to weigh all these risks and benefits and decide how he is going to keep his service members safe and that's exactly what he told the court on Thursday.

Of course, General Vines sat in the same witness box and he testified that when he was the commanding general of Multi-National Corps, Iraq in 2005, he reached the same conclusion, that he continued the use of surface burning that had been employed and he talked about the factors that he considered. He was an infantry officer in the United States Army, a three-star lieutenant general and he told this court that the kinetic environment in Iraq in the spring of 2005 was the most violent he had ever seen. He talked about vehicle-borne IEDs exploding

in convoys. He talked about how every movement outside of the wire was a combat operation. He talked about the delicate, tenuous political process of trying to transition an entire country's government from a coalition force to the ministry of Defense and the ministry of the Interior in the Iraqi government and within that complicated calculus, he made the determination that using surface burning and using burn pits was the best method of waste disposal. And so waste disposal continued.

And he said that, you know, he was aware that they were -- he said as he flew in -- you heard him -- he saw burn pits operating. This wasn't a secret to him.

Right? That he spent ten hours in the course of his time as the commander thinking about waste management issues and he decided to make no changes.

And, of course, the court has also already referenced General Petraeus' letter to Congress from 2008 where he tells Congress that there is and there will continue to be a need to use burn pits during contingency operations. The court also has Mr. Loehrl from DCMA, his 2010 letter directing that KBR should continue to use burn pits, right, particularly focusing on the use of burn pits in the CENTCOM environment. And the court has the Department of Defense reports of Congress also from 2010 where the Department of Defense talks about the continued

need to use burn pits in theater.

And I would note within the excerpt in front of the court here from KBR Exhibit 58 that it specifically says that it's about balancing combat risks against other risks such as environmental exposures. Again it's this process of commanders of military leaders making risk benefit analyses that only they are capable of making and then implementing those decisions.

And so, Your Honor, that record is clear and the court actually alluded to that on Friday when it was sort of giving its instructions to the parties about what it wanted to discuss. And plaintiffs have presented no contrary evidence to suggest that the military commanders did not make these decisions. They weren't cross-examined about not making these decisions. And so that part of the record speaks for itself.

The thing that requires I think a little bit more clarification unless the court has questions about the military's decision to use and locate burn pits is the question of how that military intent becomes action, how KBR begins performance.

And the evidence is clear that once that military commander issues a direction and makes a decision, DCMA serves as a conduit to take that intent and ensure that KBR performs accordingly. DCMA is not a

medium that shifts the commander's intent because that would be inconsistent with the type of risk benefit calculus that we just discussed. So the first step in the process is that the commander makes this analysis.

And Your Honor has the LOGCAP 101 document in the record. You see the citation here and it describes the different roles that everybody plays in this LOGCAP process. And, of course, if you look at the supported unit section, which is the commander, right, it's General Sanchez, it's General Vines, they're the ones who define the operational needs, they're the ones who conduct the mission analysis. And without going through all of the other, you know, 42-odd check marks on this page, nowhere else in any of these other columns does any other entity have the responsibility for conducting that analysis and making that commander's intent.

And, of course, what happened in this case.

Again the generals told you that they considered service members' health, they considered the effect on military operations and logistics and expediency and costs and the local population. And you heard about some of the specific injects that they had. Right? You heard from Dr. Postlewaite who told you that the military had a robust program of evaluating the environmental and health situation in Iraq and Afghanistan and that that

information was fed to commanders. He says at KBR's Exhibit 14, lines 121-2 to 122-4, that we probably knew more about the environmental conditions in Iraq than we did about many places in the United States. And you've seen some of those documents and they're attached to KBR's statement of facts as Exhibits 124 to 133 that reflect the type of analysis the military was conducting. And you heard from the generals both in their declarations and their depositions and their testimony that they were aware of those risks and those evaluations and they were part of the process.

But if you look at KBR's Exhibit 120, which is the MNC-I Environmental SOP at page 4, paragraph 4(d), it says explicitly that the environment is subordinate to operations. Right? These operational considerations are what drive a commander's decision making. And so again and again what conclusion did the commanders reach? They reached the decision to continue to use burn pits.

So having made that decision, what happens next?

DCMA receives that instruction. And they instruct KBR to accomplish the commander's intent.

And there is very important testimony from General Sanchez and General Vines about not necessarily the technical process here which we'll describe in a moment, but the substantive process, right, which is the

DCMA's mission is the same as the military's mission.

KBR's mission is the same as the military's mission. But if we take a step back and we remember the historic context for LOGCAP III and for the use of contractors on the battlefield, these are individuals and institutions that are there to provide the functions that the military otherwise would provide. It's what General Vines talked about. He said the military doesn't have the organic ability to provide all of these services for the duration that needs to be provided. So it's inherent in that that the provision of those services aligns those services with the overall military mission.

So even though these are to varying degrees and in varying ways that we can discuss different institutions, the goal that they are seeking to achieve is the same and that mission is defined by the commander, right, whether that's General Sanchez or whether that's General Vines. And that's exactly why General Vines told you, Your Honor, and we have the hearing transcripts in front of you that DCMA or the Army Material Sustainment Command could not change the commander's intent because they don't have the ability to go and conduct that risk benefit analysis that the commander conducted. Right? And he says it right here. Says it right at lines 28 to 29 in his transcript. Well, the reason they can't do it

is because it has effects, right, because the commander has to conduct an analysis of how those decisions are going to affect the military operations. And DCMA, despite being part of the Department of Defense, is not the commander.

Colonel Damon Walsh who you didn't hear from, but whose deposition testimony at lines 139-9 to 13 addresses this issue, talked about how even though again General Sanchez is not within the Defense Contracting Management Agency, it was the Defense Contracting Management Agency's responsibility to convey and communicate his orders to that institution.

Now there is, of course, the contracting piece which plaintiffs spent most of their opening talking about. And so without belaboring every task order and every statement of work and every ACL and LOTD, I do want to give the Court a high level overview and point the court to the relevant documents for review.

So the first step in this process, of course, is LOGCAP III itself and I just pulled a couple of excerpts here by way of example for the court to show that the LOGCAP III original base contracts has these very high level general provisions that don't in and of themselves provide particular guidance. Right? It's been referred to in some circumstances as a menu or a set of

requirements.

What happens is that the DCMA issues task orders and statements of works. And this is an important place to pause. And actually, Your Honor, if I may approach with a copy of KBR's Exhibit 4, it's worth a little bit of consideration. Your Honor, Exhibit 4 is a declaration from Mary Wade who is a 30(b)(6) witness for KBR. And I want to focus the court's attention specifically if it flips to page 4 to paragraph 15 because it talks about where statements of work and task orders sort of fit in this contracting process. And in particular, if you look at the very end of the paragraph, it says that task orders, statements of work along with the notice -
THE COURT: Give me that paragraph number again, sir.

MR. JOHNSON: Yes, Your Honor. It's paragraph
15. It's in Section 3, page 4.

THE COURT: Okay. I got it. Thank you.

MR. JOHNSON: And she describes this whole process. She describes how the task order and the statement of work are actually created. And then she says at the end that that is the document that initiates KBR's performance.

And Your Honor obviously was tracking this exact same issue because you asked Roger Singleton this question

after his testimony ended and the transcript is at page 130. Right? And you said in other words, it would not be a surprise to you if a task order didn't say operate the burn pit and it simply said waste management and Mr. Singleton responded to your question and said correct. And then you asked and the form of that waste management would be a military determination and he said Yes, Your Honor.

So again the first step in this process is to look at the task orders and statements of work. And there's a little bit of context to be had there as well, which is as this war continued on from Afghanistan 2001, Iraq 2003 and as these task orders and statements of work evolve, KBR is already performing these services. Right? So as a new task order arises, it doesn't necessitate that KBR restart the process. Right? The process continues with whatever modifications the military and DCMA and KBR have agreed to.

If I could direct the court's attention as well to Defense Exhibit 20, which is the declaration of Damon Walsh from DCMA. And he says at paragraph 24(b) that DCMA's role in creating task orders and statements of work is to translate the military's requirements into contract language. So again there is that idea that the commander's intent.

Moving directly into the contract documents.

And then he says at paragraph 24, Charlie, in the statement of work that leads to the -- he said the statement of work leads to a base-by-base analysis of the services KBR would provide. So again there we have the statement of work as the initial document that provides that base-by-base guidance for KBR to begin specific performance.

I would also note, Your Honor, that at Defense Exhibit 26 at page 127-12 to 18, Damon Walsh also talks about the fact that there's no specific authorization required to use a burn pit because as he says at 131, the presumption is that you were going to burn it.

So that's how the contracting process begins the implementation of taking the commander's intent and converting it into KBR performing an action on the ground. It could be that KBR's taking over a process the military is performing itself. It could be that KBR is continuing something that KBR had already been doing. It could be that KBR is starting new work. Right? But it is that statement of work contract document that drives the process.

Now I do want to address administrative change letters and letters of technical direction, even though I don't want to overstate their importance as I believe

plaintiffs' counsel did during opening argument.

The administrative contract letters and letters of technical direction are contract documents that shape the performance KBR is already engaging in. So these are contract documents that can be issued by administrative contracting officers to direct KBR to change the manner of its performance or to start some service that's permitted under statement of work that wasn't previously being used.

So Your Honor has this CD and if you look at this map, these are all interactive links and you can click on them and it will bring you to the actual contract documents. But back to our truck full of bankers boxes. Instead of going through all of them, we will just go through a couple.

And this is just an example of the type of granularity and specific control that could potentially be in an LOTD or an ACL. So here KBR is directed specifically to build a second burn pit adjacent to an existing burn pit and to alternate the burning in those burn pits. Right? So the base commander at FOB Echo for whatever reasons that particular base decided that the manner he wanted his burn pit operated in was to have two of them side by side and to have them burn one and then the other because it might potentially reduce smoke which is the issue identified in

this document slide.

If we turn to Camp Taji, for example, we have a June 2005 memo where the base commander specifically instructs KBR to burn animal carcasses completely to ash at the existing burn pit. So at Camp Taji, there's a specific issue that requires the commander to reach out to KBR and say this is a service I want you to perform. They're obviously already operating a burn pit, but I want you to burn this specific item.

What's important about these documents?

What's important about these documents is that they do

reflect, of course, that KBR was authorized to conduct

burn pit operations at whatever base these are for even

though they are not the base authorization documents. But

they also give us a good window into how the military

controlled KBR's burn pit operations because, of course,

you don't have ACLs and LOTDs for most bases for most

periods of time. Even though we, of course, know that KBR

was performing burn pit operations and that they were

being evaluated and that's because if KBR was performing

in a way that the military deems sufficient, it didn't

require additional documentation. It didn't require a

follow-on ACL or LOTD because KBR could simply continue to

perform in the manner that they had been performing.

And that's consistent with what General Vines

told you about how when he landed in country, burn pits were already being used and he didn't have to issue a new order. Right? At a high level, he could just continue to use burn pits because burn pits were being used.

So the next step in this four-step process of converting the commander's intent into actions that KBR actually executes. And of course, the reason we're here is that we know that KBR did in fact implement the commander's intent because they did operate burn pits on behalf of the military in Iraq and Afghanistan. There's, of course, some dispute about exactly when and where. But for purposes of the jurisdictional questions before this court, KBR did in fact operate burn pits for the United States military during Operations Iraqi Freedom and Enduring Freedom.

And then this brings us to the last point which I do think is important to understand in light of plaintiffs' authorization argument. Once KBR begins performing a service for the military, DCMA immediately begins reviewing it and you heard from many different witnesses who talked about this. At the very lowest level, you heard from our charismatic Commander Hersch who sat in the witness box and he told you about his stick and how he got in the burn pit and he poked around at the trash bags. Now he had his checklist. Right? He was the

Mayor of Bucca. I'm sure we were -- sheriff. Excuse me. Sheriff of Bucca. I mean we could probably all picture him, right, in the burn pit without his badge, but nonetheless, with his flack and his Kevlar out there poking around. That's the base level of review of KBR's services. Right? Quality assurance representatives like Commander Hersh and contracting officers representatives who are actually uniform service members, members of the military who were out there reviewing KBR's performance.

And then it rolls up through the administrative contracting officers and this court, you know, has heard testimony from Wes Bennett and Augusta Fehn. And, of course, KBR is there and this court has heard testimony from David Palmer and from Roger Singleton and from Mike Mayo.

And then the operational units themselves also have oversight over KBR's performance. You heard me ask General Vines about his staff judge advocates and the liaison he had in the fore and his contracting officers and these are individuals who are tasked with ensuring that KBR is performing not necessarily so much according to the terms of the contract, but according to the commander's intent.

And I want to draw the court's attention specifically to two witnesses that I don't think have been

mentioned in the course of this hearing yet and yet, are very important and they are Jim Morris and Mary Sheridan, Defense Exhibits 144 and 145.

Now the reason I draw the court's attention specifically to these declarations as well as the associated depositions is that Ms. Sheridan and Mr. Morris were the agency 30(b)(6) representatives in the course of this litigation and they gave these declarations and they were deposed.

And if you start with Exhibit 144, which is Mary Sheridan's exhibit and you turn to paragraphs 9 and 10 of her declaration, she specifically talks about the award fee process and she talks about the people we just named, the administrative contracting officers, quality assurance representatives, QARs, property administrators, the LOGCAP support office, contracting officer representatives, contracting officer technical representatives and the process of not just overseeing KBR, but specifically as she says in paragraph 10 of overseeing KBR's performance of non-hazardous solid and liquid waste management and disposal services, including burn pit services based on the results of DCMA's monitoring and inspections as well as the criterior in the LOGCAP III award fee plan.

So here's the Defense Contract Management Agency telling us exactly how they oversaw KBR's performance once

it began implementing the commander's intent. And 1 2 similarly at Exhibit 144, if I could direct Your Honor's 3 attention to paragraphs 7 and 10 --THE COURT: 144 or 145? 4 MR. JOHNSON: 144, Your Honor. The first one 5 That was Ms. Sheridan. And 144 is Mr. Morris. 6 was 145. THE COURT: Okay. I got you. 7 8 MR. JOHNSON: So Mr. Morris at paragraphs 7 and 9 10, he again talks about QARs and ACOs and he talks about 10 how statements of work are the applicable task order 11 documents. And then he talks about all the realtime 12 inspections, right, and the mechanisms that DCMA had to 13 control KBR. 14 THE COURT: And what were those paragraph 15 numbers again? 16 MR. JOHNSON: 7 and 10, Your Honor. 17 THE COURT: 7 and 10. Okay. I got it. 18 MR. JOHNSON: Yes, sir. And, of course, the 19 result of all of this is as you've seen in the record and 20 as you've heard is that KBR's performance is evaluated at 21 performance evaluation boards and every six months --22 every -- monthly at performance evaluation boards and 23 every six months at award fee evaluation boards. And 24 there are many PEBs and AFEBs in the record and I would 25 direct your attention specifically to Defense Exhibit 4

which is Mary Wade's declaration which has several PEBs and AFEBs attached to it. But just for the purposes of the demonstrative, I have attached Appendix B to Defense Exhibit 145.

And again, right here is the Defense Contract Management Agency. This time under Task Order 159 specifically evaluating KBR's performance of burn pit operations under the task order. And these documents move through time through the different task orders. This is just meant to sort of demonstrate to the court what the documents look like. But at regular intervals, as you see in 144 and 145, starting in 2003 and carrying on throughout the process, DCMA from Commander Hersch all the way up to Damon Walsh, the Commander of DCMA, right, this process of careful and regular oversight of KBR is occurring.

Now one other way to consider this and I'll move through this demonstrative quickly is to consider sort of the cycle of how the commander's intent and direction becomes a KBR action on the ground. So the first step, if you look at the bottom of our rope here, right, the statement of work defines what needs to happen and that statement of work is drafted with consultation between the supported unit, what their needs are, with DCMA and KBR.

Then once the statement of work exists, that

supported unit, here represented in green identifies the need which we've discussed. Then DCMA issues a project planning request to KBR which you see depicted there in tan. Then KBR prepares a project planning estimate which is depicted there in red. Then you go through the review boards, the CARB and the JARB who look at that estimate. Then the unit itself, the supported unit ensures that it can actually afford whatever task it's requested. If the unit agrees and can secure funding, then DCMA instructs KBR to proceed and then KBR begins performance. And again all the colors are represented here because once KBR begins performance, DCMA and the military are overseeing that performance.

And then of, course, if the military wants to tweak, if the commander of the supported unit wants to change the method of KBR's provision of those services, it can through LOTDs and ACLs. So the process begins anew, right, whether it's a new task order or a new statement of work.

And the reason I bring this up is not to get deep into the weeds on some of these technical aspects of the process. The reason I bring this up is to show that once the unit identifies the need, that need doesn't change. Once General Sanchez says burn pits, nowhere in this process, nowhere in the process I've just described,

nowhere in the evidence, nowhere in any of the plaintiffs' documents or from the mouths of any witnesses has anybody said that DCMA then has the authority to change that commander's intent.

Your Honor asked specifically to receive some information about the water issues in this case and so I do want to direct the court's specific attention to some parts of the record. There's not really any dispute, of course, that the military controlled and directed provision of water for soldiers. I mean you heard General Sanchez talk about what an essential issue water is to commanding troops in combat.

The specific documents that I would point the court to, first of all, these are all described in the defense's statement of facts, particularly paragraph 44. But if we want to walk through sort of how the documents nest, the first thing that happens is you have a task order and by way of a demonstrative, I would point the court to Exhibit 9 within Mary Wade's declaration which is Exhibit 4 to the defense statement of facts and that's Task Order 59 from 14 November 2003.

Within that task order, in Section D, Delta, 10, it specifically identifies what you have here on your screen which is TB Med 577 and TB Med 577 is a military quidance document that describes the method of water

production and the method of measuring and evaluating water production and actually in that same paragraph, in paragraph D-10 of Task Order 59, you'll see other performance requirements. And just again by way of example, it says that the water has to have between three and four parts per million of chlorine per unit. So these very specific water production requirements, the use of a reverse osmosis water purification unit, for example. And so Your Honor will see that.

And the thrust of the water issue is that it's another example of clear military control. I mean the commander controls the provision of water for service members. There's no dispute about that. Then LOGCAP III at the highest level permits KBR to provide water services for the military. These task orders turn on those services as you see in Task Order 59 that I just mentioned and then within those task orders or in the related reference documents, KBR is instructed on how to perform. And as you'll see in the defense statement of facts, the military reviewed KBR's performance, evaluated it through the DCMA process we described and KBR was compensated for those services.

So it bears taking I think a quick step back to where we started on Thursday morning just to think about the rest of the evidence that has or has not been

presented to this court. The plaintiffs have conceded by not cross-examining the generals and by not presenting contrary evidence that the military decided to use burn pits. We heard it in this court. And so instead they focused their inquiry on contract documents and they say this is where the court should be focused.

And again they focus on Section 8.8 and depending on the task order, right, saying that this is where the court should conduct its discerning inquiry into what the contract required.

But the inquiry does require a little bit more discussion. There's been a lot of reference to regulations in this case. And there are some issues associated with that. First, LOGCAP III was not a contract that only applied to the contingency environments of Iraq and Afghanistan and you can see that. Again look at Exhibit 4 for Mary Wade, you'll see the master contract for LOGCAP that's attached there.

So the reference to various provisions in that contract don't necessarily implicate the use of that particular provision in Iraq or Afghanistan. For example, the Overseas Environmental Base Guidance document that you see referenced on top specifically says in Section C-133 that it doesn't apply in contingency operations and in hazardous areas and in hostilities, any of which would, of

course, define Iraq and Afghanistan. Now it might apply to Bahrain or it might apply to Kuwait. Right? But it doesn't apply to Iraq and Afghanistan. And, of course, there's been no evidence, right, no expert, no DCMA commander, no person to say that somehow this rather plain language applies.

OSHA, of course, which is also mentioned by plaintiffs doesn't apply extraterritorially with the exception of some of the places mentioned here in 29 USC 653(a). Again, no reason to believe that OSHA somehow now applies in Iraq and Afghanistan merely because it's referenced in a contract that applies much more broadly than Iraq and Afghanistan. That's also true of RCRA which the plaintiffs have referenced.

And I note, too, that there was some reference, Plaintiffs' Exhibit 2002 to the 2009 MNC-I SOP. That's also slightly misleading because that 2009 MNC-I SOP is not actually ever incorporated into any of the task orders. That 2006 MNC-I SOP is, but it has very different discussions about burn pits. So to reference the 2009 version and say that it creates a standard when it explicitly was never adopted is misleading.

So what witnesses did we hear from and how do they affect the issues before this court? In the beginning, plaintiffs told you you were going to hear from

from Mr. Robbins. And, frankly, I'm not sure that what Mr. Robbins had to offer really has much bearing on this court's decision. If anything, I think the biggest take-away from Mr. Robbins' testimony is that his sighting of a burn pit next to the existing burn pit at Camp Echo is exactly consistent with the process we've been, you know, talking about here for the past 25 minutes, which is that DCMA directed KBR to create a new burn pit. A KBR site manager senior to Mr. Robbins instructed him where to build it within an 800 by 800 meter box adjacent to the other burn pit, not on this side of the road and then to start performance.

Now he doesn't understand the contracting process more broadly. That's fine. That wasn't his responsibility. But taking his testimony at face value, it nests perfectly within the process that has been presented to this court through other witnesses.

And, of course, as far as this issue of violations goes, he doesn't actually offer any testimony that KBR committed any violations or breaches of contract because he has no idea what the contract requires. He just personally subjectively interpreted some of the things being burned to be problematic.

You also read I know late into the night, you know, hopefully, with a glass of Scotch or something the

deposition testimony of Mr. Lockhart. And the take-away from Mr. Lockhart is that Mr. Lockhart is essentially a microcosm for plaintiffs' evidence. Mr. Lockhart talks a lot about things being burned in burn pits. But when you drill down on the important jurisdictional issues, he makes two points. The first is that he's unequivocal that the military owned the use of land on bases. Right? They decided where everything went and we got four citations to his deposition transcript here.

He also talked about how the military directed him when to operate burn pits. He had to burn less because of flight operations or burn less because of security reasons. So again on the issues before this court, on the factual issues that matter to this court, Mr. Lockhart supports KBR's position.

And you heard 52 minutes of video testimony from Augusta Fehn. Again to the main point that I have been focusing on through this factual discussion, she focused on the fact that KBR was following the military's request. Right? That they worked together, but the goal was always to accomplish what the military wanted to do.

She stated again as I've already talked about earlier, the statements of work were the primary document for directing KBR. And, of course, she had just as no one has had, she had no testimony about somehow KBR not being

authorized to perform burn pits.

witnesses took the stand or, you know, had or deposed that testified to any sort of the key points in plaintiffs' opening. First, not a single witness from DCMA or from the military or from the supported unit or from KBR came in and said that once a commander's intent is issued, such as General Sanchez saying to operate a burn pit, the DCMA can change that intent. You did hear from General Vines very clearly that they might come back and say they can't do it and that's fine if the contract doesn't permit that service to be provided. But you never heard that DCMA could change the commander's intent and have KBR perform something other than what the commander directed.

Again, you never heard a single witness, including ACOs and QARs and CORs to come into this courtroom or testify in a deposition that KBR actually was unauthorized to operate the burn pits that it operated.

Everybody was consistent about the fact that the military determines land use, right, from the generals all the way on down to Mr. Lockhart at the lowest level. The testimony is very consistent that the decision on where to locate things on bases is a purely military decision and it makes sense that it's a purely military decision for the same reasons that only commanders can conduct the type

of risk benefit analysis that we talked about earlier.

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

And then this idea that somehow the military's direction on how to operate burn pits applied only to the military and not KBR. It's a confusing idea and concept because again focusing on the risk benefit analysis, why would a commander have the military using burn pits, for example, when resource constraints are one of the driving factors in that decision and then on the other hand, have KBR shipping incinerators into country running into those same resource problems? Right? It would affect the same operation and the same mission. So bifurcation is not consistent with the method of operation of wars in the contingency environment in the first instance. second instance, there's just been no testimony or evidence to suggest that somehow the manner in which the military operated burn pits was different than the manner in which KBR operated burn pits.

So at the end, this sort of authorization argument just comes down to the idea that the generals authorized the use of burn pits. Nobody disputes that. DCMA had an obligation to instruct KBR to operate consistent with the commander's intent. Nobody disputes that. KBR operated burn pits in Iraq and Afghanistan as instructed by the commanding generals of the coalition forces in those theaters. Nobody disputes that.

The issue seems to be this idea that somehow when DCMA was instructing KBR to perform, it didn't know that KBR wasn't authorized to operate burn pits or that the hundreds of staff judge advocates in General Vines' staff didn't know that KBR was unauthorized. That seems to be the implication, but there's been no evidence of that. The story is much simpler.

The evidence that KBR has presented is simply that having evaluated all of the complex factors that have to get evaluated in making wartime decisions, the commanding generals and the Department of Defense elected to use burn pits as an expedient and perhaps messy way of disposing of wastes and they continued to reinforce those decisions for the years and years and years after 2003. And that DCMA tasked KBR in certain instances to operate those burn pits through statements of work and then at a more granular level through ACLs and LOTDs. That evidence is unrefuted in this case and KBR believes as our colleagues will discuss that when those facts are applied to the law, these cases should be dismissed for the reasons discussed. Does the court have any factual questions that KBR can answer?

THE COURT: No. It's very helpful. Thank you.

MR. JOHNSON: Thank you, Your Honor.

THE COURT: Before your next colleague addresses

the court, I want to acknowledge the presence in our courtroom of a new group of visitors that just came in from Ripon College being escorted by my colleague, Judge Peter Messitte, whose son is president of that institution and that's why we're being watched and welcome, Judge Messitte, and the visitors from Ripon College. You may proceed.

MR. MATTHEWS: Thank you, Your Honor. Judge Messitte.

Your Honor, I proceed at my peril in correcting anything Mr. Johnson said. Perhaps the court has already figured out based on his high and tight, based on his posture, based on his use of words like 24 Charlie and 24 Delta, that Mr. Johnson is actually Major Johnson, United States Marine Reserve, who is about to become a judge in the United States Marines I would point out. So I tread lightly when I correct Major Johnson. But in fact, Mary Wade was not a 30(b)(6) --

THE COURT: Chief Magistrate Judge Connelly of this court also acted as a military judge. So he can tell you what you're in for.

MR. MATTHEWS: Thank you, Your Honor.

Mr. Russell noted that as we move on to the political question doctrine, which is the issue I'm going to address that the plaintiffs bear the burden of

establishing subject matter jurisdiction. Major Johnson has just summarized the facts that when combined make it clear that these claims simply are non-justiciable.

I thought we would try to break that down, Your Honor, and look at each of the claims that plaintiffs have made and try to sort out exactly how the facts apply to the law.

So plaintiffs essentially have made four arguments that I can discern. The first is that it was KBR and not the military that made all the key decisions regarding waste management and water production. And second, that the military told KBR what to do, although that sounds like military direction, but not how to do it. Third, that KBR violated the contract and that's what caused the injuries. And fourth, although a variant of the compliance issue, the violation issue, that KBR operated burn pits without authorization as Mr. Johnson just referred to.

So let me first address the key decisions issues. What are the key decisions? Interestingly enough, plaintiffs complaint aligns closely with what the Fourth Circuit thought were the key issues. So plaintiffs' complaint includes the use of the burn pits, the location of the burn pits. The notion of incinerators and recycling I think is just the flip side of the method

because they're either using one or the other. And then also plaintiffs allege that KBR burned plastics and other prohibited items. As I said, that aligns pretty perfectly with what the Fourth Circuit thought were the key issues that would be outcome determinative on the control issue and those were essentially who decided to make the key decisions, who decided to use burn pits, who decided where to locate burn pits. And as this court knows, the Fourth Circuit concluded more evidence was necessary and so we've gone out and obtained that evidence.

And what we have heard over and over again from the witnesses, be they KBR witnesses or witnesses designated by the plaintiffs is that it was indeed the military who made the decision on use, who made the decision on location, who made the decision on incinerators, what would be burned and as you've heard, how all of that was put together through a risk analysis.

It is interesting to note, if you go to the next slide, that of these many, many witnesses who spoke to those issues, they fell into two buckets at the end of the day. The ones who said it was the military that decided and those who said I don't know. Now among those are both, as I said, KBR and plaintiff witnesses and I did want to point out to the court that of the six witnesses that KBR presented at last week's hearing, Dr.

Postlewaite, Commander Hersh and Mike Mayo, all three of those witnesses were not only presented as witnesses by KBR -- as witnesses on whom KBR relies, but they were also on plaintiffs' list of witnesses on whom plaintiffs rely. So their testimony essentially has been adopted by the plaintiffs. And they own the testimony from those three witnesses on the method and use issues.

We have witnesses from the general side, if you will, the supported unit side that are reflected here as well as from DCMA and again they concluded either that they didn't know when they didn't know or that it was the military. None of them said it was KBR.

Let's just look at a few of those. I think at this point I'm going to run through these quickly because I think we've covered this fairly well. We had General Sanchez who said yep, I issued that order, it came from my headquarters.

And then on the next slide, there is actually an important related point. It not only came from his headquarters, but consistent with this notion that in the era of the all volunteer army, KBR was performing, not just something generally referred to as logistical support services. That's what it was. But these were mission critical services and General Vines made clear that without KBR's assistance, this war could not have been

effectively fought.

And he's essentially saying in his own words that these were sensitive military judgments because the decision on these critical services was critical to the success of the mission.

I had a reference to testimony from General Sanchez. Actually, Mr. Johnson covered that. This is his testimony at page 85, line 25 through page 86, line 22 and again at page 88-1 through 19. I won't repeat all that had been covered, but it is important that to reflect on what he was talking about, health and welfare, security, the pace and tempo of the war, the realities of the war, the counter-insurgency, the risks of putting a landfill outside the wire because every time you step outside the wire, it was a combat mission. The use of resources for one purpose degrading the ability of the army to fight and to deploy combat resources and so on. So all of that testimony I think has been fairly captured.

Another point that's been made is this issue about the base footprint and who got to decide what went there. We heard both from General Sanchez.

Interestingly enough, Mr. Singleton, KBR employee, talked just from personal experience about participating in base camp planning processes and sitting and listening with his security clearance to the military

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

discuss as they were about to expand I think it was Salerno -- it is Salerno -- what was going to go where, where in the expanded base various services would go. I think the court has heard substantial and compelling testimony on that issue.

And then another issue that we've addressed -and I have to admit when I saw this this morning that the highlighting is not necessarily in the right place -- but Dr. Postlewaite was asked are there policies, D.O.D. policies, about what can and cannot be burned in contingency environments and he said absolutely D.O.D. issues those policies. And when I asked him were they theater-wide, he said yes and then he corrected himself. He said they apply internationally. So we see each of these key decisions, method, method used, incinerators versus burn pits versus landfills, location, what substances could or could not be burned. In each and every case, these quintessential military decisions that are critical to the engagement and prosecution of the war that were made on the basis of risk considerations, both health and operational risk considerations were made by the military and that testimony is uncontroverted.

Turning to what the plaintiffs have to offer on these points, they largely abandon their prior witnesses. You heard I think from Mr. Razi at the opening about the

seven witnesses that were identified in the Fourth Circuit's opinion. Five of whom did not reappear in the current proceedings and two of whom at the end of the day did not offer testimony that essentially asserted that KBR was responsible for decisions on methods or on location. And this can't be overstated because the Fourth Circuit really did zero in on what it characterized as contrary evidence that this court in the view of the Fourth Circuit should have considered more carefully and yet, here we are on remand and none of that contrary evidence is now before the court. The plaintiffs have failed to produce so-called contrary evidence.

Mr. Johnson did cover -- I was going to say something about the witness the court did hear from. I think Mr. Johnson covered that.

But in general, there's nothing to refute the generals. There's nothing to refute Dr. Petraeus. There is no evidence that has been brought on through documents, through direct examination, through cross-examination that challenged the fact that only the military could fund and bring incinerators into theory, that challenged the notion that there was no recycling facilities available or that challenged the notion that if you go outside the wire, you're on a combat mission.

I do want to focus on one remarkable development

that did occur. And if we go to the next slide? It appears plaintiffs have abandoned their claim that KBR chose the location. This is not a small point because in fact from the first complaint filed in 2008 right through the master complaint, the allegation that KBR was responsible for choosing the location of burn pits, which is a critical issue when we think about what the, you know, exposures may have been as a result of placing a burn pit in the right or wrong location, it has been, you know, bedrock plaintiff allegation that it was KBR. The Fourth Circuit thought that was a pretty important issue. It picked up on that and identified it as one of the issues that needed further discussion, that needed further discovery in fact.

Plaintiffs' opposition to KBR's motion to dismiss, this comes in in I believe in early February in response to KBR placing -- in response to KBR's position that it was the military, the plaintiffs have placed that issue of location into dispute. And as recently as the prehearing conference order in late February, plaintiff said nope, KBR made the decisions challenge in this case and certainly one of those is the location decision.

We've now included on this slide, Your Honor, the statement from counsel from last week calling this a red herring issue. It's not a red herring issue, Your

Honor. It has been a core allegation of plaintiffs since day one and now like their witnesses, it's gone. I think we are entitled to proceed on the understanding that plaintiffs have withdrawn their allegation that KBR was responsible for locating burn pits at forward operating bases.

So in lieu of actual evidence on these key points, plaintiffs have attempted to erect an alternative universe, how the military operates on a forward operating base, that is. The two silo theories we heard. That you have the commanders and you have DCMA. Again and I think I heard something like, you know, when it comes to making waste disposal, the decisions, it's not up to them.

Mr. Johnson covered all of that. It's clear that they're not two silos. DCMA has part of the military. And to be sure, commanding generals can make battlefield decisions.

DCMA is a conduit. If we go to the next slide?

Again I think we've seen some of this testimony already.

But we've made the point again and again that DCMA are the conduit. They implement the commander's intent. It's not a separate mission. It's the same mission. I think we had additional testimony on this point. And I think we've seen that before. DCMA cannot change the commander's intent.

All right. And I guess I would point out

finally in this regard, Your Honor, that it is true that DCMA is in the military. So if in fact the decision were made by DCMA and if in fact, DCMA directed KBR to do or not do certain things, that's military direction. And the question is from the Fourth Circuit is was there control by the military? So even under plaintiffs' theory however incorrect it may be about DCMA acting as a silo, that is military direction.

So let me summarize what we have so far on these key decisions. Plaintiffs have alleged KBR negligently made key waste management decisions. The Fourth Circuit said those are going to be outcome determinative of the PQD control test. KBR has presented overwhelming and essentially uncontroverted evidence that the military made each and every one of those key decisions. Plaintiffs so-called contrary evidence has disappeared.

So based on those, I think there are some inevitable legal conclusions that bear directly on the issues under the political question doctrine. If plaintiffs assert that KBR made the key decisions negligently, if the evidence demonstrates that the military made those key decisions, then in fact plaintiffs are challenging military decisions. That, of course, is impermissible under the political question doctrine.

And let me just say one more thing before we go

to the red slide. This irrefutable conclusion brings down the hammer of the political question doctrine because the court has to consider how KBR would try this case based on those facts. It's clear KBR will cite to the overwhelming evidence that it was the military that made the allegedly negligence decisions, which in turn would require multiple trial courts to sit in judgment and to second guess these sensitive military judgments.

So I would submit, Your Honor, right now -- I love the metaphor of "the hammer falling" because that fact is now in this case. It's now and forever in this case. It cannot be extricated from this case that there is a separation of powers problem. That there is a conflict if the judiciary starts to second guess military decisions as it would have to do under the facts that are clear. And on this basis alone, it's clear that plaintiffs have failed to meet their burden under Section 12(b)(1) and therefore, these cases must be dismissed. And I don't know about your Latin background, Your Honor, but where I come from, we call that QED. It is thus.

I do want to say a word because this is an often overlooked aspect of the political question doctrine.

Although in fact it was the very first question Your Honor posed on Friday afternoon, late on Friday afternoon and that is the question of the Taylor Factor 2, the national

defense interest question. That is whether national defense interests are inextricably intertwined with the key waste and water services that are at issue here. And as to that, Your Honor, I actually think this is a pretty straightforward issue.

General Ricardo Sanchez was asked was KBR work in your estimation important to the war effort. Not just important says he, it was absolutely essential and a key component of our readiness and capacity to win. And General Vines reflected very similar thoughts. I think this is the same as the quote I had earlier, that "the services provided by KBR were critical" and he includes specifically both waste and water and we couldn't have done this without them. I think the question of whether these national defense interests are intertwined with those services has been answered directly and conclusively by the generals.

So let me turn now to the second argument. You will recall, Your Honor, I said that we discern four claims by plaintiffs. The first being the key issues which we've now addressed. Let me turn to the so-called what-not-how argument that plaintiffs have made and they have made that repeatedly again in the history of this case. It's an important issue. The Fourth Circuit mentioned it as well. But the evidence makes clear at all

levels that in fact the military told KBR not only what to do, but how to do it at the very broadest levels, for example. At the very broadest levels where if you look at how LOGCAP III was structured, you see that the military decided which services KBR would provide. They decided at which bases KBR would provide those services. And at any given base, take burn pits as an example or even the ROWPUs, the water ROWPUs as examples. You will find some bases where the military is performing those services and others where KBR is performing those services and rest assured, Your Honor, it was the military that made that decision.

We heard testimony from the generals. We heard testimony I think from Roger Singleton regarding this issue that the military controlled the movement of men and material in theater. So at the very broadest levels, KBR is being controlled by the military.

Sort of an intermediate level is at the key decision level and on the key waste decisions -- I don't want to be too redundant here -- but we see, of course, that the military made the key decisions on use. They continually re-assessed and reaffirmed that determination, location and the plastic water bottles issue. And indeed on incinerator, they made all of these decisions.

Let me just -- I'm going to go on to the more

granular level of control, but let me just make this observation. On waste management, the military didn't just say to KBR, conduct waste management. It said to KBR use burn pits. On water, the military didn't just say produce water. The military said follow TB Med 577 where you will find that the method of water production is these reverse osmosis water purification units or ROWPUs. So we have a level of -- a degree of control that I think already meets what the Fourth Circuit was looking for, but indeed, the level of control is much more granular.

So if we go to that next level, we find control through the contract directives. Again, Mr. Johnson went through this at length. The operative points that I wanted to take away and if the court recalls that nice circle with weaving colors, you will recall that the military was involved in the contracting process at multiple steps along the way.

The process started with the supported unit deciding what its needs were. Critically, the military in several places along that pathway decided whether it agreed with the cost estimates that were provided and if it didn't, that's an exit ramp. And more importantly, the military had to decide through these acronyms, JARB and CARB, these acquisition review boards whether funds were available. And make no mistake, there were times when

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

that was an exit ramp because the funds weren't or somebody figured out let's not let the contractor do that, let's let the military do that instead. All of those were control decisions being made by the military.

So we also find that the military was responsible for conducting health assessments to re-assess and potentially reaffirm the decisions that it makes, the directions that it gave. And in that regard, we had multiple testimony. We had Dr. Postlewaite, who made clear that there were policies that required commanders at the base level to follow through on these health assessments and that this was a non-delegable responsibility. We had Dr. Postlewaite testifying further that in fact that testing was done. That there was extensive air quality testing performed by the military, assessed by the military and decisions taken on the basis of those tests and their results and he indeed informed the court regarding the extensive test and the comprehensive testing that was done at Balad where they took a long, hard look at the question of whether burn pits were posing health risks. And at the conclusion of that, the military continued to direct the operation of burn pits.

We've talked also about the oversight. I think
Mr. Johnson covered this in some depth. I'll just throw

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

up one slide that reflects the fact that Mr. Singleton who was at multiple bases if the court will recall, that he was in Afghanistan at several bases and in Iraq at several bases covering really almost the entirety of the period in question here. And he talked about the process. said yes, there were times when the auditors, be they DCMA or the supported unit technical representatives would say we have found something that we want to talk about. We're not happy about it or we think that there is a different or a better way. Some of that was kind of a informal process of resolving the issues. But there was a very formal process. When the military decided we are not pleased with the way KBR's performing a particular service, they would issue a formal document. It's called a Corrective Action Request and those would all have to be addressed and resolved. And what Mr. Singleton said and others in deposition testimony have said, yeah, if we got a C.A.R. from DCMA, we resolved it. We had to do what the customer wanted. And if we heard from DCMA that we needed to change, we did.

And then finally, Your Honor, on this sort of this granular level, you heard and saw evidence on the award fee process and the military used the award fee process to ensure that KBR was performing in a manner that met the military's needs. All of this from the key

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

decisions to the most broadest level of decision making on what surface to the key waste decisions and water decisions down to this granular level represents a pervasive level of control by the military over KBR's performance of waste and water services. And I think indeed, Your Honor, that meets the Fourth Circuit's concerns on those issues.

Plaintiffs have thrown this what-not-how argument and they show a document here or there. But they kind of fall back on the very kind of semantic cataloging that the courts have said is not the appropriate way in which the political question doctrine issues should be addressed. They said look at the contract. Look at the army manuals. Yes, of course, they're relevant. plaintiffs would have the court look at these high level documents and say therein lies the answer. Well, it doesn't. What they don't want to look at what was happening on the ground. So they would say, for example, that the very fact you have claims based on whether a contractor has complied with this contractual duty does not implicate a political question. Well, if the mere claim that a contractor violated its contract were enough, none of these contractor on the battlefield cases including this one would require district court much less appellate review. I think Mr. Russell covered that at

length.

Plaintiffs would say, well, KBR is not part of the military chain of command. Well, that's true. It's true by statute. If that were a determinative factor, why are we here, why did we go through discovery?

They would say well, if KBR is serving as a force multiplier, can't be under the plenary control of the military. Well, that's nonsense. You know, in Carmichael, we were driving convoys. We were a force multiplier. That simply is not a real legal standard. It's made up. And there's others that are not on this slide.

The notion that KBR's responsible for supervising its employees and its subcontractors, how can that possibly be outcome determinative or even relevant? And I think Mr. Russell quoted at length from Carmichael and there was a great quote about the fact that the fact that the driver had some control over the wheel doesn't mean that the military wasn't controlling that function of providing convoy service. That that service just like the burn pits, just like the water service is pervaded by sensitive military decisions and as a result, any consideration of those issues has to be looked at at that granular ground level and not left simply to this kind of semantic cataloging.

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

All right. There's two issues left. One will be real quick. The third issue that I identified at the outset was the violations issue, what plaintiffs have repeatedly called the central tenet of their claims, the core of their complaint. As often as plaintiffs have tried to bring forward that issue, equally often has this court said since the CMO that Mr. Russell referred to not for today. That's for another day.

And I just want to make the point that this wasn't an arbitrated decision by the court. There is a good reason for excluding the so-called violation issues because as noted on the previous slide, this by itself, claims that a contractor violated its contract rendered contractor on the battlefield cases justiciable, well, this court and these litigants have been wasting an awful lot of time and money if that were true. And it's also true that when you think about it and maybe this was the point Mr. Russell was getting at. But I'll put it my way, it turns the concepts of threshold jurisdictional issues I think this is the way it goes. In order on its head. to determine whether the court has jurisdiction to adjudicate the merits of a case, the court must first adjudicate the merits of the case. So the third issue of being violations, we'll move past that.

The fourth issue that I identified, Your Honor,

at the outset I think this completes plaintiffs' claims is the question that Mr. Johnson addressed in part about whether KBR operated without authorization, indeed in some of the writings, it is stated that KBR operated without the knowledge or authorization of military personnel. And again in part it's because if I can't show you this document that absolutely makes clear that I'm authorized, it means per force that I'm not authorized. Unsupported, contrary to the evidence. We've shown the documents. And Mr. Johnson explained that, yes, at some bases, we have these contract directive documents. At other bases, we have the task orders. As the wars dragged on, there were new and expanded services and there, you're more likely to see a new contract directive document.

So I feel we've got a forest-in-the-trees problem here, Your Honor. Yes, it's probably true there's not a specific document for every single burn pit that KBR operated. Doesn't mean that there isn't a broad contract document, but there's not one for a given base camp. I would point out it was a war. I would point out that every document that was generated be it by KBR or by the military did not necessarily survive the heat and degradation of the environment, the missile attacks that you heard testimony about. But more than anything else, Your Honor, talk about red herring issues, let's just step

back because first of all, we have witness testimony supporting the notion that we were authorized. And I think as Mr. Johnson just pointed out, there is a lack of testimony coming from plaintiffs to the contrary and we can't overlook this issue because isn't it clear, Your Honor, that if in fact KBR was operating without authorization, the indirect evidence, there's not a document, that's where plaintiffs would come from.

I would have thought plaintiffs would have brought to this court hard evidence, a witness that they would rely on. They were allowed to bring 20 witnesses. They only relied on 19. Not one has come forward and said KBR operated without authorization. And I would think that if, you know, there's almost a decade, there's two war theaters, somewhere out there in all the places they said we operated as sort of a rogue operation, somebody would have come forwarded and said, yes, I saw it, KBR was acting without authorization. Not a single commander. Not a single battlefield soldier said so. And it's no surprise, Your Honor, because it simply is not true. There is no evidence to support that baseless allegation.

And I have to say there is a dollop, a large measure of common sense that I would bring to all of this. I would say, Your Honor, that reflecting on plaintiffs' allegations that we operated burn pits and they were open

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

and notorious and that flames billowed hundreds of feet into the air says they in their complaints. Plaintiffs' hypothetical is that these burn pits that were operated in plain sight, that were clearly visible nevertheless went unnoticed by the base commanders and by the mayor cell. They went unnoticed by the ACOs and the QARs and the CORs who failed to make a connection between the monitoring and auditing they were performing of these services and the fact that KBR was not authorized to do it. Mr. Johnson showed you the form that was used by the inspectors at whatever frequency that said -- that had checklists about all of this. Somehow they failed to make this connection. This notion that the absence of documentation means something is a fact-free conceit that lawyers have concocted to try to explain away the obvious point that KBR was given military direction. There is no factual support and there is no legal support.

Let me tie, Your Honor, all of that back to a few core political question doctrine points. It bears repeating as Mr. Russell said that this is a very unique case. Actions and policies at issue across two broad war theaters, almost a decade of active war and hostilities. This case is like no other.

It also bears repeating that plaintiffs have had access to an extraordinary volume of evidence that is

before the court involving contract documents and emails and so on. And despite that massive volume of evidence, plaintiffs have not brought forward any evidence that would support their burden of establishing subject matter jurisdiction. These evidence-free allegations and these precedent-free legal theories are not a substitute for evidence.

And finally, to round out this analysis, plaintiffs have wholly ignored the principles of the separation of powers. They ignore how this case would be tried. They ignore the tremendous burden that would be placed on the military if these cases were to proceed to trial. We've had dozens of military witnesses deposed and brought to testify on the threshold issue. Imagine what that number would be if they were required to testify at multiple cases around the country. And they avoid the obvious point that they are in fact challenging military decisions.

Plaintiffs argue, well, you know, KBR was doing all these violations and the problem was that DCMA wasn't doing its job well. That itself is a political question doctrine problem. They are criticizing the military which after all is what DCMA is.

Your Honor, I think at the end of the day, there can be no question that just looking at the political

question doctrine alone at the 12(b)(1) motion that we 1 2 have filed and at plaintiffs' burden, that plaintiffs have 3 failed to sustain that burden. These cases are indeed non-justiciable under the political question doctrine. 4 Thank you, Your Honor. Pleased to take on any questions. 5 THE COURT: No. I'm fine. 6 MR. MATTHEWS: Your Honor, I may have failed, 7 8 Your Honor, and I apologize, to hand up the slides. 9 THE COURT: Okay. Hand them up. I think I got 10 them. Do you have -- anybody else going to be presenting 11 arguments at this point? 12 MR. RUSSELL: Yes, Your Honor. 13 THE COURT: You're going to present them after 14 we take a 15-minute recess. 15 MR. RUSSELL: Absolutely, Your Honor. 16 THE COURT: All right. Thank you. And ignore 17 that clock. It will be 11:25. (Recess.) 18 MR. RUSSELL: Thank you, Your Honor, and I've 19 20 got some slides here which I can pass up if I may. 21 THE COURT: Okay. MR. RUSSELL: And, Your Honor, I want to turn 22 23 now to our argument on combatant activities preemption. 24 intend to be as brief as possible. I recognize that we've 25 been taking up a lot of the court's time this morning.

And so I may not cover each of these slides. But I do want to cover the main points relevant to our argument.

And, Your Honor, where I would begin with is the Fourth Circuit opinion and the notion that our preemption defense is a very broad one. The rule of law adopted by the Fourth Circuit is a broad preemption rule. And I would submit that the reason why this is a broad preemption rule is that the issue properly described is not really one of removing state tort law from the battlefield. It's really one of whether to inject state tort law principles to the battlefield because this is an arena as reflected in these quotes from the Fourth Circuit opinion where there is no history of state tort law existing and regulating conduct on overseas battlefields. There is no history of the activities at issue in these suits being subjected to state tort law concepts.

And so we get to further on in the Fourth Circuit opinion, what is the measure of integration and control? We've covered this. It comes down to whether these activities stem from military commands. And so the question as we've distilled it here really comes down to the degree of control and the extent of immigration. These are related concepts as the Fourth Circuit opinion recognizes. And again, if we're asking the question whether or not these challenged activities stem from

military decisions or from the sole discretion of KBR, the obvious starting point is what are the challenged activities? We know these well. They are the use of burn pits, the location of burn pits, whether to bring in incinerators, the use of recycling services, the burning of plastics. Those are the challenged activities.

And very quickly, Your Honor, this is very clear from the record before this court, there is no genuine dispute. The military made all the key decisions, all of the conduct at issue, all of the challenged conduct stem from quintessential military judgments. That includes the decisions related to burn pits as well as the decisions related to the manner and methods of processing water as Mr. Johnson and Mr. Matthews alluded to.

I have some slides that summarize as key evidence on these points. I think at this stage, Your Honor, these points are very well established. You've got it in the slide deck and I'll just flip through these very quickly.

And I want to get to -- given that I think that the evidence is so clear that the military made these key decisions and so clear that the challenged conduct stems from these quintessential military judgments, I want to get to the arguments that the plaintiffs raised in opposition to our motion. The first one which has already

been dealt with here today is that KBR had no authorization. And the entirety of the plaintiffs' evidence on this issue, Your Honor, is their allegation that there is a lack of documentation. There is nothing else. There is undisputed testimony. There is testimony in this case from generals, from contracting officers, from the Defense Contract Management Agency itself. Not a single witness has supported this notion that KBR was performing unauthorized burn pits.

What we have here I think Mr. Matthews described it quite well as creative lawyering a decade after the fact. It is a post hoc unilateral contract interpretation that has no support in the record. And I would note, Your Honor, when it came to the time for the plaintiffs to tell this part of their story, what we heard, Your Honor, was argument from counsel, not testimony from any witness.

Moving next to the -- another argument that the plaintiffs raised in opposition to our preemption defense, they argue that this contract was a performance-based contract. And on that ground, they say by definition, our preemption defense doesn't work.

And I want to go back to the derivation of that argument which is in the Saleh decision. And if you read Judge Silverman's decision in the Saleh decision, you'll see that he wrote that there might be circumstances. He

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

was somewhat dubious of this. But he said we recognize that there might be a circumstance where a service contractor is supplying services in such a discreet manner. He said perhaps even in a battlefield context. Such a discreet manner that those services could be judged separate and apart from combat activities of the U.S. military.

And according to the D.C. Circuit, a contractor does not -- would not be entitled to the preemption defense if what's going on in the lawsuit is that the plaintiffs are challenging the sole discretion of the contractor rather than the government's discretion. Your Honor, whatever application that potential exception to the broad preemption rule has it's not here. Here what we have is a clear case in which KBR's services could not possibly be judged separate and apart from the military's wartime decisions. What we have here is plaintiffs directly challenging sensitive military judgments. So we would submit that whatever application this exception to the broad Saleh rule has, it cannot be here. It cannot be with this massive record showing the pervasive military decisions and judgments that both control KBR's conduct and pervaded all aspects of the claims here.

Your Honor, this has been touched on, but I want to address it again. The notion that plaintiffs can

defeat our preemption motion by establishing that KBR is not in the chain of command. Quite simply, that's not the standard and the easiest way that we know that this is not the standard is by looking at the Fourth Circuit opinion which has already rejected this argument. So says the Fourth Circuit, even if government contractors can't qualify as combatants, this fact is irrelevant. The Saleh test does not require private actors to be combatants. And this is something of an obvious point if you think about it because by law, no contractor is in the chain of command. If the Saleh court was intending to create a broad preemption rule applicable to government contractor activity, it would make no sense that they would require a contractor to be something that by law, it could not be. So that's simply not the standard.

Moreover, Your Honor, and I think I've alluded to this, the plaintiffs' proposed exception, this notion that because KBR cannot receive direct orders from a military commander because KBR is not technically in the chain of command, if that were the -- an exception to the rule, it would apply --

THE COURT: They're not in the military base chain of command. The actual base.

MR. RUSSELL: I'm sorry, Your Honor?

THE COURT: The KBR personnel are not in the

direct chain of command of the forward operating base commander.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

MR. RUSSELL: Correct, Your Honor.

THE COURT: I understand that. I think what you're making a point is is that there's multiple chains of command. It doesn't have to be that particular chain of command. These people with the contracting authority are giving orders. I mean they are --

MR. RUSSELL: They are certainly giving directions to the contractor. There is a term of art out there of giving orders and by law, a contractor, a civilian cannot receive an order from a military person. But in effect, as Your Honor alluded to, the military person, whether it's the contracting officer or if it's General Sanchez through the contracting officer is affecting the commander's intent, affecting the commander's orders through those channels. And if it were the case that a contractor had to be in a position of receiving direct orders as that term of art is used, that that rule would eviscerate this defense because no contractor by law can receive an order. But as you indicated, Your Honor, they certainly do receive directives including, you know, most relevant here, the direction to use burn pits.

THE COURT: Those are directives from military

in the contracting office.

MR. RUSSELL: Those are directives from militaries in the contracting office who are effecting the intent of the military commander. And so as Mr. Matthews alluded to, one, this is just a conduit through which the operational commander is conveying his order. And, two, the contracting personnel, the DCMA, the Rock Island Army Sustainment Command, they are all part of the D.O.D. They're all part of the military. There's only one mission here. The contracting official who's giving those directions has no business changing the commander's intent. If the commander says burn pit, there's no authority to change that at the contracting level.

And so, Your Honor, just to getting back to this notion that their exception was follow the rule, the plaintiffs' counsel has acknowledged that these rules that they say render our preemption defense nonapplicable, these are facts that apply in all government contracts. They apply to every situation where the government is going to use a contractor. So if adopted, as we state here, their argument would really render this supposedly broad preemption rule that the Fourth Circuit has emphasized is broad, a nullity.

Your Honor, I think we've addressed many of the core points supporting our preemption argument already and

I want to turn to a few that haven't really been given as much attention in the brief, but are nonetheless relevant. The first is the litigation burden on the military and this was a matter that the Fourth Circuit identified as relevant to the preemption analysis.

The Fourth Circuit said hauling government contractors into court in proceedings that would question military decisions, that's going to distract government personnel from their tasks. This is not a small thing. In this case, Your Honor, through jurisdictional discovery alone, we've seen depositions of 25 military personnel. We've seen multiple Rule 30(b)(6) depositions taken of government agencies. We have seen extensive document discovery against the United States government.

If these cases were allowed to proceed, it would place an enormous burden on the government. Moreover, what would happen is that this private litigation would effectively divert vital resources otherwise committed to our national defense to litigating a private tort case. And while we think that may not be the most important reason why these cases are preempted, it is certainly a data point. It is certainly something that the Fourth Circuit indicated that should be considered in the analysis.

I have a final set of slides here. I think one

or two more. And the first one is simply to point out that preempting these lawsuits, keeping state tort law off the battlefield does not leave the plaintiffs in this case without remedies.

Now we obviously have disputes about causation injuries, anything like that. But the simple point here is plaintiffs, veterans, contractors serving oversees, they have -- the political branches of our government have in place remedies for those individuals to the extent that they have sustained injuries. And in fact, as Your Honor may be aware, there is congressional attention to these matters. There is a burn pit registry out there. The political branches are doing their job.

THE COURT: There were bills introduced in Congress in February.

MR. RUSSELL: Yes, Your Honor.

THE COURT: Bipartisan bills in both the Senate and the House.

MR. RUSSELL: And that, Your Honor, I would submit is the political branches of our government doing their job and overseeing these matters as they should.

And likewise, it is not as if in the absence of state tort law, KBR's conduct goes completely unregulated. It's not the Wild Wild West. There are many, many mechanisms. There is an entire regulatory regime that KBR

is subjected to that includes contractual, civil, administrative and even criminal law sanctions where appropriate.

And I think this is a really important point, Your Honor. There is no evidence, zero evidence in this case that the military chose to utilize any of those mechanisms to reprimand or remedy any of the challenged conduct here and I think that only underscores how inappropriate it would be for a court for the judicial branch, for a state through its tort law to come in and try to second guess and inject their standards on the conduct at issue. It's really a second level of a political question. It's really a second level of an offense to federal interest because not only are plaintiffs seeking to scrutinize the military decision to say use burn pits, but they're also seeking to scrutinize the military decision to sanction, authorize, approve and commend KBR's services in that regard.

And at the bottom here I'd just note that this is not an idea I came up with on my own. This is in fact language that comes from the Fourth Circuit's opinion wherein it noted that allowing these claims to proceed could interfere with the federal government's authority to punish and deter conduct by its own contractors. In other words, let the military regulate the conduct on its own as

it sees fit.

And my last slide, Your Honor, is just to speculate on what the world would look like if the plaintiffs could successfully inject state tort law in this arena. And what we would have is we would have a duty for contractors to overrule the military's chosen waste method. We would have a state or a non-federal duty for contractors to decide the best location for burn pits on military bases.

You heard from the commanders. That would render the military effectiveness, it would really not just hamper it, it would be incredibly detrimental to the military's effectiveness in choosing how to wage war. We would have a duty for contractors to say, you know, we appreciate that you don't want incinerators, but we're going to bring them in any way and you're going to have to pay for them. It would institute a duty for contractors to refuse burning items, such as plastics despite military direction to do so in the midst of a war.

And at its core what this case would require if these duties existed would be for private contractors performing essential functions for the military inside active war zones to pick and choose when a state or a non-federal duty required it as a contractor to go around and warn these soldiers about battlefield risks, risks

that their commanders deliberately considered and accepted. And, Your Honor, we submit that that world, that world does not exist. It should not exist. These claims at their core seek to impose standards, state tort standards onto conduct that stems from and in some instances is in fact sensitive military judgments. And, Your Honor, we don't think that state tort law has any role there and we submit that these suits are preempted. I'm happy to answer any other questions.

THE COURT: No. Thank you very much.

MR. RUSSELL: My colleague, Mr. Razi, has a few concluding remarks to make.

THE COURT: All right.

MR. RAZI: Thank you, Your Honor.

As you can see from the thorough presentations by my colleagues and the presentations over the course of the last several days and indeed the extensive briefing and factual submissions that have been made prior to this hearing, these cases are extremely important to KBR. I'm sure they're important to plaintiffs and their counsel, too. But they are exceedingly important to KBR.

KBR is being accused here not by the government, not by the military, but by plaintiffs and their lawyers of failing to live up to its obligations to the military. Serving the military is at the very core of KBR's mission.

The evidence shows that KBR did that here. KBR served the military. It acted in accordance with military directives, including directives that were made and that we heard about in this courtroom literally in the heat of battle, in the throws of war. KBR and its personnel suffered more than 1,000 casualties doing this work with the military.

We want to thank the court for the care and attention that it has devoted to these cases, including during the course of the last several days.

While KBR may have wished earlier in the proceedings that the discovery had been less costly, less burdensome, less intrusive than it was and than the court ordered, I think it is fair to say that all the parties and all of us now benefit from the full and complete record that has been developed based on the instructions and the orders of this court.

With all the documents, six million pages or so and all the witness testimony from dozens of witnesses that has been developed in response to this court's orders, we, all of us, can now reach conclusions with confidence. Matters that may have seemed intuitive four years ago, may have seemed to be matters of common sense at the outset of these cases have now been established by literally overwhelming evidence.

The plaintiffs' claim to the Fourth Circuit that there was evidence that KBR was the one, not the military that decided to use burn pits. All of the documents and all of the testimony emphatically refute that claim. So, too, regarding the contention about location which you've heard so much about. All the documents and all the testimony disprove that contention. So we have come quite a long way.

The plaintiffs have now all but abandoned the arguments that they made before the Fourth Circuit. But of course, they have new arguments and those arguments have been exposed as wrong during this hearing.

Counsel claimed in his opening statement, for instance, that plaintiffs are only questioning KBR's decision and he also admitted that the location issues are generally controlled by the military. But those statements ignore and they are directly contradicted by indeed the plaintiffs' own master complaint. The operative complaint in this case blames KBR for things that we all now know having seen the evidence that were military decisions. No debate about that.

Likewise on the eve of the hearing and in opening statement, plaintiffs contended and they continued to insist this that and I'm quoting "the military never gave KBR across-the-board authorization or direction to

use surface burning as a means of waste disposal." That was argument. But that's all it was. That was lawyer's argument. But we now have evidence and the evidence at this hearing actually showed the opposite. The very first witness testified quote "we issued the order to KBR and to all forces in the country to use burn pits as a means of waste disposal during the occupation period." So the lawyer's argument on the one side and then on the other side, we have the undisputed evidence from Lieutenant General Sanchez.

But to allow these cases to go forward, the court -- it's very clear, what the plaintiffs are asking the court to do is to discredit this clear and unequivocal testimony and other clear and unequivocal evidence from the commanding generals in Iraq and other credible witnesses.

And before sitting down, I'll just remind the court of where we began on Thursday morning and that is General Vines' testimony. He's not a lawyer. But he sensed from the questioning and from the tenor of plaintiffs' approach what they were trying to do. And what he said is well known now that what he thinks the plaintiffs were trying to do is to impose peacetime criterior on combat operation. Fortunately, I think we're all grateful the law does not allow that. Because these

cases directly challenge sensitive military judgments regarding war, the court lacks jurisdiction under the political question doctrine. Because these cases attempt to impose peacetime criterior, state tort laws on a war conducted in the most hostile environment halfway around the world led by the military, they are preempted by the combatant activities exception to the Federal Tort Claims Act. For those reasons, the cases should be dismissed. Thank you, Your Honor.

THE COURT: All right. Thank you. All right. Let me hear from the plaintiffs.

MR. LEDLIE: Thank you, Your Honor.

Your Honor, you just heard that Colonel Damon Walsh said that General Sanchez was not a member of the Defense Contract Management Agency, but DCMA communicated General Sanchez's orders to KBR. You heard a lot about Colonel Walsh and statements about what the contracting arm of the military did with respect to communicating General Sanchez's orders to KBR.

But, Your Honor, you have been provided evidence in this case and I need to show you what Damon Walsh had to say because this is the keystone of their case. That General Sanchez who was there for a limited 14-month period somehow gave unlimited authorizations that trumped every contract document and every contract principle that

1 exists in the military. 2 Gina, can you pull up Walsh 139, 5 through 16 --3 I'm sorry -- 1 through 16? And I'll note, Your Honor, that this is the same 4 citation for the premise that General Sanchez's orders 5 were communicated by DCMA to KBR. 6 Colonel Walsh said, And if you're going to 7 8 correct a contractor on how to carry out a contract, 9 that's a contracting function, isn't it, and it would be 10 inappropriate for General Sanchez to tell KBR how to do 11 it, how to carry out the term of a contract, wouldn't it? 12 It would be inappropriate for General Sanchez or 13 any non-acquisition official to give directions to a 14 contractor. His or her mechanism for doing that is 15 through the acquisition work force. 16 But they didn't include this, Your Honor, and 17 this is crucial because the contracts and the contracting process, Your Honor, is the only means of control that the 18 19 military has over a contractor. 20 You never saw through the acquisition work force 21 authorization for burn pits? 22 I never personally saw that. 23 Now this -- if General Sanchez's order was 24 really communicated through KBR through the only entity

that could do so, Defense Contract Management Agency,

25

Damon Walsh is there, he doesn't recall that happening. 1 2 Your Honor, this is significant because you've talked at 3 times in this case about the lawyers not playing in the sandbox very well. Your Honor, there's been some 4 5 misrepresentations made here today and we need to correct them because in order for Your Honor to properly evaluate 6 this case, you need to look at all the evidence. 7 8 Gina, can we pull up the next page on page 70, 9 lines 11 through 20? 10 Colonel Walsh was asked, Do you have any -- do 11 you recall any specific instance in which you were informed that KBR was authorized to use a burn pit as the 12 13 default method of waste disposal at a site in Irag? 14 This is the person who said -- who they claim 15 communicated through DCMA that information. 16 No. 17 Did you ever see any written authority expressly 18 authorizing KBR to use burn pits in Iraq? Colonel Walsh: There at the time? DCMA, the 19 20 contracting arm? The commander? No. 21 Page 81-9 through 85-22. This is their witness 22 that they say despite the fact that the contract documents 23 which Your Honor has seen do not say use burn pits that 24 somehow, okay, no, DCMA though communicated that. 25 THE COURT: Well, is there any question though

that the military made the decision whether it may be in these contract documents or not, that they wanted the use of burn pit because that was in the judgment of the military commanders necessary as the means of disposing of waste because of battlefield conditions? Is there any dispute about that?

MR. LEDLIE: Yes, Your Honor. Absolutely.

THE COURT: Well, tell me what fact there is in this record -- not the contracts -- that indicates that the military didn't want to use burn pits.

MR. LEDLIE: Your Honor, let me refer you to this very testimony. First of all, Your Honor, as you know, we've -- there are two silos -- and I'll get to this -- between the contracting arm and the battlefield commander. And the only arm of the military that instructs a contractor like KBR on what they can do, what the standards are for their performance is the contracting arm and that can be done through the contract documents, yes, Your Honor, also through their officers, but it would have been reduced to writing.

But I asked did DCMA and AMC specify the method of performance? So did they tell them that they should use burn pits in fulfilling the military's requirements and I want to understand the level of specificity or the level of specificity you specify as to method of the

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Vines.

performance of waste disposal? And there was a suggestion, Your Honor -- to answer your question, Your Honor, there were -- there was a military decision that was made by the combat command that when military forces under the combat command were handling waste management services in Iraq during certain -- during the vast majority of the war, they did elect to use burn pits. That is because, Your Honor, the military does have limited resources and as multiple witnesses testified, they don't have the corps competencies. But when they bring in a civilian contractor, a subject matter specialist with greater expertise and they specify in a contract what the standards are, that is the military decision at issue. Those --THE COURT: If I recall General Sanchez's testimony, he indicated that in battlefield conditions, the military has the capability with its own forces for a period of about thirty days to provide waste management and water supply services itself. And that rather than to tie up all the military personnel doing that, they then bring in KBR to replicate what those military personnel would be doing otherwise. Is that correct? MR. LEDLIE: No, Your Honor. That was General

THE COURT: I'm sorry. It was Vines. I

misspoke.

MR. LEDLIE: Right but that was at a different time in the war and you do have to look at timeframes here. That was after the surge when we had a much larger force there. General Sanchez actually said that during his early time period in Iraq, it was the military that was handling their own waste management. In fact, he couldn't tell you when at all. I asked him can you tell me when KBR ever provided any waste disposal functions in Iraq and he said I really can't tell you, I don't know, I don't want to -- he used the term a S.W.A.G. which I had to look up. But it's a wild guess, Your Honor.

And so General Sanchez, when General Sanchez's order was handed down, it was handed down through his military chain of command and applied to his military soldiers. He clarified that on the record when he was asked. That did it apply to KBR and the military? And at first he said, yes, but then he said I need to clarify that. It applied to all the burn pits that the military controlled, the assigned forces controlled. And at that time, Your Honor, there were no KBR burn pits in Iraq that General Sanchez was aware of. There were some KBR contractors and so yes, they would have been using those burn pits, Your Honor. But you have to look at -- you have to look, Your Honor, at what the only government

entity that directs a contractor told them. Found in a task order and the statement of work, Your Honor.

And so the two entities once again, Your Honor, they were asked, Did you get into that level of waste management? Is that the method of performance? Is it a what-not-how contract or did you actually tell KBR, go use burn pits?

I don't recall. I don't recall ever getting any detailed discussions about waste management other than discussing whether or not an incinerator would be authorized and this -- and the number of people that would be authorized. Beyond that, I don't recall a specific discussion at all about the method of waste management. So I shouldn't read this sentence to say" -- this is from his declaration -- "that DCMA and AMC, Your Honor, specified that KBR was authorized to use a burn pit. You should not interpret it that way, no.

And then he goes on to clarify that his statement that burn pits was the default method comes from his operational side, Your Honor, when he was a special forces officer, very much forward deployed, infantry and special forces.

And I asked him once again, there are two standards here because we've covered -- there are times the military does use burn pits?

Correct. Most of the time. Yes. 1 2 And in this sentence, it's following on and 3 talking about KBR. Are you saying that it's your experience that the military asked KBR to use burn pits as 4 a default method of waste disposal? Are you? That's what 5 KBR is claiming. 6 I am not because we didn't -- I don't ever 7 8 recall having that level of detailed discussion about 9 waste management, not at my level anyway. 10 I went on to ask him, Your Honor, contractors 11 are expected -- and Damon Walsh is so critical to their 12 case that I need to cover this, Your Honor. 13 Are LOGCAPS are expected to be force multipliers? 14 15 Correct. And they are supposed to have the technical 16 17 training and capabilities to perform in a manner that the military directs in the terms and conditions of the 18 19 contract? 20 They are expected to acquire those capabilities 21 and technical expertise. Yes. 22 And I asked him, In conformance with the terms 23 and conditions? 24 Correct. 25 The terms and conditions of the contract, Your

Honor, are the military issue, the sensitive military 1 2 issue that was made in this case. 3 Lieutenant Colonel Walsh, does a contractor have discretion in how they carry out their job performance 4 5 what-not-how so long as the terms and conditions are met? He says they have minimum discretion to do so. 6 And I said, Why do you say minimum discretion, 7 8 if the terms and conditions are met, how they go about 9 achieving those terms and conditions, what role does the 10 military have in that? 11 The military defines the applicable 12 specifications and regulations. 13 So do they have some discretion in performing as 14 long as it meet those? 15 Yes. Yes, they do. This is a what-not-how 16 contract. The expectations of the contractor are defined 17 by the contractual terms and conditions. And he goes on to say, describes -- and Your 18 19 Honor has got this testimony. But, you know, with respect 20 to food, we do get into a lot of detail there. 21 And I said, Within the level of waste disposal, 22 did you see that level of specificity? 23 Other than again hazardous waste. No. 24 Hazardous waste doesn't suppose to go in burn pits. 25 That's not what General Sanchez told you. But

general -- I'm sorry. Lieutenant Colonel Walsh, the DCMA commander, is saying we knew that HAZMATS were not supposed to go anywhere near a burn pit, Your Honor.

THE COURT: Let me ask you a question. The military in various reports to Congress has over and over again said we made the decision to use burn pits because in contingency operations, that is necessary and they balanced all these factors and so forth. I didn't see anywhere in those reports where they said KBR made that decision or KBR shouldn't have done it. How am I supposed to interpret that?

MR. LEDLIE: Your Honor, the reports that you're referring to reference largely the CENTCOM regulations from 2009, Your Honor. And absolutely, it's true that at a theater level, CENTCOM, Central Command, made a military decision that under certain — that spelled out the requirements for using burn pits and contingency operations.

But we have to go back to 2003, 2004, Your Honor.

And to round out this area, to the best of your knowledge, the terms and conditions of the base life waste management do not state that KBR had to use burn pits, do they?

No.

Were they given permission to burn anything they wanted?

No.

There are two prongs to our case, Your Honor, and a lot of this case is about whether or not KBR can use a burn pit at all and we stand by that and we'll show why that is still a huge part of our case.

But even in the limited instances where they did have contractual permission to do so, there were still standards that were not adhered to. That's another part of plaintiffs' case that Your Honor is going to have to grapple with.

So I'll ask, are there any regulations that the army has on how the use of open air burning is to be accomplished? He didn't know. But there was a contention made in counsel's statements that because these contracts clearly reference things like EPA standards, OEBDG, other things that are terms and conditions of the contract that both parties agreed to.

I asked him if a contract incorporates EPA standards or other environmental compliance standards in a task order, do those become terms of the conditions of the contract that must be followed? His answer, Your Honor, is absolutely.

Under LOGCAP III, is KBR expected to monitor

their performance to ensure compliance with any regulatory standards?

Absolutely. The DCMA commander, the contract command expected KBR to live up to its obligations that it agreed to through the contracting process. And to the extent that they included standards from the U.S. as terms of the contract with the task orders in Iraq, they do apply and they must be enforced.

There was further discussion and once again citing to Mr. Walsh for this idea that through the ROM process, Your Honor, the rough order of magnitude process, that all this would have been talked about. That while the contracts don't say anything about burn pits, that in fact they discourage them heavily and prohibit them without an ACO approval, that everybody was talking about this in the planning process, in the ROM process. But that's not what the commander at DCMA at the time that this Sanchez order was handed down to the military command said was going on on the contracting side because he was part of that process.

with respect to waste disposal, were you involved in the ROMs dealing with disposal at various sites? He was.

What level of detail did you see? You didn't see written authorizations for burn pits?

1 Correct.

Did you see burn pits mentioned at all in the ROMs? No. It wasn't in there. No.

What did you see?

Head counts, pay levels. HAZMAT would have been a different function as I recall under the task order.

Beyond that, the ROMs didn't get into operational employment.

And do you have any personal knowledge as to what those would have consisted of?

I have personal knowledge of almost all of those conversations. During my time, I don't recall any time that we talked about specifics surrounding waste management as part of the ROM review process.

To say that this was included and discussed and while the contracts say the exact opposite, that somehow they shouldn't be followed is inconsistent with the commander of DCMA at the time that General Sanchez's directives were being handed down.

The DCMA has an independent duty to determine how to best meet the military need. The need was waste management, Your Honor, and the contracts speak to waste management.

You heard from Mr. Singleton that said we would get a contract for waste management, we did burn pits.

But the gentleman who was involved in the discussions about that said that burn pits did not come up, they did not come up.

The reason that this is significant, Your Honor, is that the political question doctrine and separation of powers do not allow the plaintiffs to judicially second guess military decisions. The political question doctrine and separation of powers do not allow KBR to judicially second guess military decisions. The political question doctrine and separation of powers do not allow this court to judicially second guess military decisions. And no one in the courtroom gets to substitute their judgment for the government's judgment and decisions as to how the military through the contracting command chooses to structure the manner in which it handles contracting in general and contracting on the battlefield in particular or as to what the military puts in its contracts.

The court might think that given the conditions on the ground, the way the government handled contracting was ill-advised. The court might think that given the conditions on the ground what the government put in the contracts was ill-advised. The government may think that what KBR agreed to in the contracts was ill-advised. But no one in this courtroom, Your Honor, not even Your Honor gets to second guess that.

The contracting process has meaning and it cannot be second guessed because plaintiffs agree that logistical support by contractors on the battlefield given the military's current operational structure are fundamental and vital to the health and safety of the troops. But it's necessary that what the government through the contract dictates is what KBR as the contractor provides and that is because contractors are not part of the military. They're not subject to the same -- they're private companies, Your Honor, doing work for pay and in dangerous conditions certainly. But the relationship is not one between a direct report and the military. It's between a civilian independent contractor and the military and that relationship is exclusively defined through the contracts.

Gina, could we go to Slide 1?

The contracting process, Your Honor, there's a -- it is important to understand that the terms and conditions of the contract establish the relationship between the military and the government. The contract is the only legal basis for the relationship between D.O.D. and the contractor.

And, Your Honor, if we don't honor the terms and conditions of the contract, then we have stripped away the only legal basis under which the government can make sure

that the troops are getting the services which they've been asked to provide and which the military is relying upon contractors like KBR to provide.

environment contract. Everybody knew that going into the formation of the LOGCAP III contract and everybody knew that each and every time a task order was being issued. These were the standards that were applied to the contractor on the battlefield. And when you have contracted support, it differs significantly from when you have military troops providing the support because you're not under the military chain of command. It is contractual control, not a military control. It's bound by authorities in contract law and contract policies and processes and procedures that support contract law.

And so, Your Honor, you've asked some questions to my KBR colleagues that, well, whether it's operational military or this combat command, I mean the military is making this decision. Right? They are giving KBR instructions and so it's a military decision. Well, the military decision was set forth in the terms and conditions of the contract. But because the contracting command knows how to respect the status of KBR as an independent contractor, it does not constitute a direct form of control that's necessary for a political question.

Instead, you would be creating a per se rule, Your Honor, that any time you have a contract in war and the government is doing anything to ask for a certain type of service to be provided, that that's automatically immune from suit.

And Your Honor, case after case says that's not the type of discriminating analysis you need to engage in. If the military is merely establishing terms and conditions of a contract and then providing routine contract management, that's not direct control. That's not integration into a command authority. That's integration into a contracting situation. Similar to what you have, yes, it's on the battlefield, but it follows the same principles that you have here in the United States even in the civilian context.

And there's a requirement that we comply with all these FARs and DFARs and AFARs, Your Honor. And that means that the combatant commanders, the General Sanchezes and General Vineses of the world do not actually -- and they were clear about this when they took the stand. They don't set the terms and conditions of the contract. They ask for a need to be met and the contract officers are the ones that determine the best way for that to be accomplished using an understanding of what the civilian contractors' capabilities are as opposed to the military

units.

Next slide, Gina.

We've gone through this with Your Honor. But what I want to hit in particular, Your Honor, we have an operational arm of the military. That's the war fighters. What General Vines says, what General Sanchez says to the people under their command and control, their military units absolutely needs to be followed without question. That's the way the military works.

As to a civilian contractor like KBR, their management and instructions comes through the contracting arm using contract management principles and it does not constitute direct command or control.

THE COURT: Well, is it your position that KBR once they got these LOGCAP III contracts to provide waste management and water services should have pushed back and said we're not going to operate a burn pit, it's not environmentally friendly and we're not going to do it?

MR. LEDLIE: Your Honor, when KBR and the military sat down to negotiate and that would have been at the Rock Island level because that's the entity in Rock Island and KBR's upper management, we're the one -- the procuring authorities under the LOGCAP. So they did sit down and negotiate out the terms of the original LOGCAP contract. But more importantly, Your Honor, that was done

before the war in Iraq.

But as to each and every task order, Your Honor, KBR could sit down and say, look, we can't agree to that. And there was a negotiation process before task orders were entered and there's also the ability that's clear in all the contracts. There's an escape valve. If you get there and you discover the conditions are not such that I can meet this, then you go to the contracting officer and you get direction. You say, look, I said that I'd comply with all EPA regulations, I can't do it here. What am I supposed to do?

I'm not saying that they wouldn't have provided the service. They would have gone and gotten the proper instruction, there were proper authorizations and they certainly could have moved forward.

There were times that KBR did refuse to take on work for the very reason that Your Honor said. That they looked at it and they said, look, we can't meet this contractual requirement under the conditions that are here. They did that with remediating burn pits, Your Honor, and said, look, that's too much liability, we can't meet those standards, and the government changed the standards for them and said, okay, we understand that, there's a way to fix that.

It's not a one-size-fits-all contract. This

contract went through thousands of changes. Changed over the years in many ways. But what it never allowed was the unlimited indiscriminate use of burn pits by a civilian contractor, KBR. It was never that broad. It was never allowed.

To make it clear, Your Honor, what we're dealing with here and why the sensitive military decision that needs to be respected is the fact that contractors are managed through contracting authority, not command authority. It's not just good policy. It's truly a separation of powers concern. The contracting authority is limited only to the contracting officer because it's important for the government to comply with the U.S. Constitution, statutory authority and finally regulatory authority as to how goods and services for the military are procured and managed.

DCMA had the exclusive -- and Rock Island had the exclusive responsibility through their contract officers to set the standards of performance for KBR. It could be modified through the contracting command, but only through the contracting command.

Command authority Your Honor asked, that was one of the questions you wanted addressed. Command authority prescribed in 164 includes -- and there's a number of things here. But the big test, Your Honor -- and we'll

get to this in the cases later. But the real question is is KBR being treated as an independent contractor with their own management and day-to-day services trying to figure out how they're going to meet their contractual terms through their own chain of command or under the set, the unique set of cases that we'll see were their forces merely labor that was loaned to the military for a military mission or were they combined into a military mission for a limited purpose, such as convoy operations which are the exception not the rule, Your Honor.

And it is important to note that GCCs -- that's geographic combatant commanders, Your Honor -- General Vines, General Sanchez, do not have their own contracting authority. They're not authorized to order contractors in the terms and conditions of a contract. And that's for the good of the mission, Your Honor.

I need to note that General Vollmecke and I think I alerted Your Honor that he had a health condition, I would now that defendants have offered into evidence their portions of his deposition counter with our designations for General Vollmecke in response because that was not something that we anticipated, but we simply for the record to be clear would like for our designations to be considered in context as well, Your Honor.

THE COURT: All right. When can you give those

1 to me? Can you do it today or --2 MR. LEDLIE: Yes. We can do that today, Your 3 Honor. THE COURT: Okay. That's fine. We can make 4 5 copies for you if you wish to. MR. RUSSELL: Your Honor, sorry to interrupt. 6 7 we've provided to the court a copy that has both our 8 designations as well as the --9 THE COURT: Well, it's already there? Oh, okay. 10 MR. RUSSELL: The highlights are in there. Yes. 11 THE COURT: Well, just make sure you agree with 12 that and then I can see what you're talking about. 13 MR. LEDLIE: Thank you, Your Honor, and thank 14 you, Mr. Russell. 15 But General Vollmecke explains that it is 16 necessary to separate command authority from contracting 17 authority for the overall good of the military mission because there's a need to keep them separate. The war 18 19 fighter needs to have an independent and informed person 20 to deal with a civilian contractor. Military officials 21 are not all versed in contracting law and contracting 22 principles. The integrity of the process and of the 23 fiscal process of the United States are why these commands 24 are separated. They work together, but the contracting 25 command maintains the independence, Your Honor, to set the standards.

Even in a war zone, General Vollmecke went on to explain that command authority, even if someone is a head of a particular unit, but has command authority, they have no warrant and no ability to unilaterally change the contract terms. They do not and I remind them it's actually spelled out in the service supplements to the FAR and it makes it crystal clear, especially in the D.O.D. FAR supplement, that responsibility.

And does that fact, the fact that it's a contingency operation doesn't evaporate that distinction?

No. It's exempt from that distinction.

So, Your Honor, the combat commanders do seek support in operations from contractors. They identify a need like waste management. But the contracting command delineates the standards that apply to a contractor like KBR. In consultation with that contractor, they're reduced to contract documents which form the basis of the relationship. That forms the military decision that Your Honor must respect.

The contracting officer through the contracting command is the only government official with the authority to modify a contract or determine the terms and conditions of a contract, Your Honor.

It's well established that the contractual rules

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

applied to the LOGCAP contracts in war zones. This is Plaintiffs' Exhibit 8, Your Honor, LOGCAP 101 which explains that the administrative contracting officer is the government official in theater with the legal authority to direct the LOGCAP contractor to perform a mission. Only the ACO or the PCO can direct the contractor. It may even be considered an anti-deficiency act violation if another party directs the LOGCAP contractor. This is a very bad idea. That is why both General Vines and General Sanchez said that while they did have an understanding that burn pits would be used for their command, that they did not interfere with the contracting process. They did not set the terms and conditions. They didn't know what those contracts required. But they did expect the contractor to meet those obligations and if changes were needed to seek that out through the contracting process, Your Honor. That's consistent not just with the military's understanding. That was consistent with KBR's own understanding as to how this entire process needed to work in theater.

Mary Wade who was referenced earlier, KBR's contracts manager and senior contracts manager for LOGCAP III said that regardless of what the operational military or the mayor cell on a base may want on the military side, they had to get it through the contract process at Rock

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Island and the contract process would rely upon subject matter experts who look at the capabilities of a contractor, look at the realities of the military and say this is what best conforms, this is the standards. And once those standards were set, that's the military decision, Your Honor.

Steve Zamparelli, another DCMA commander, made it clear that the standards you're looking at, Your Honor, whether or not KBR is authorized to do an unlimited burning of waste at burn pits, you got to look to the contract documents, the procuring documents and the administration of that contract in the field. And when you do that, Your Honor, you will see that there was never blanket authorization for KBR to use burn pits anywhere and everywhere. It had to be done at the direction of the ACO. Over time, the contracts changed and it did become an allowed form of waste management, but only when proper direction was received from the contract officer and only when the performance standards that applied in that situation were adhered to. So contract violations, Your Honor, are a very much a part of our case. They do go to the control or lack of control over the contractor.

The central tenet of KBR's presentation here today, Your Honor, has been that in all cases, in Operation Enduring Freedom and in Operation Iraqi Freedom,

Iraq and Afghanistan, including burn pits operated by KBR, the military decided which method of waste disposal was viable and consistent with the military's objectives.

But when you look at the individuals that they cite in support of that premise, they are the first ones to admit that they don't know that what the contracts required, what the contracting command placed as the obligations that applied to KBR. They're speaking from their military knowledge in other context, Your Honor, or they simply don't have knowledge, a lot of them didn't have knowledge as to what the contract required at all.

General Sanchez while his testimony, as I stated to Your Honor earlier, is clear that he did issue an order that was handed down through his command at a time that in his own words, he doesn't believe KBR was even doing any waste disposal, for the military to use burn pits, he agreed that when it came to the contracting process, the terms and conditions of the contract, that his command authority is distinct from contracting authority, that only the LOGCAP contract officers had contracting authority, that military officers cannot direct or supervise KBR, Your Honor. That he nor his command ever dictated the terms of any contract. That's not what combatant commanders do. They identify a need that needs to be met like waste disposal, like water services and

then they turn that over to the contracting arm to determine how to best get those services that they need in theater, Your Honor.

General Sanchez doesn't know if KBR was in compliance with the LOGCAP contract during his tenure. He admits that he absolutely expected them to comply with whatever those standards were and that he never authorized them to deviate from any of their contractual obligations --

THE COURT: He also said he didn't know what was in the LOGCAP contract, didn't he?

MR. LEDLIE: He did say that he didn't know what was in the LOGCAP contract --

THE COURT: That's not his job to draw up those contracts. Right?

MR. LEDLIE: Absolutely. It's not his job to draw up those contracts, Your Honor. But he never authorized any deviations from it. In fact it would be inappropriate in his opinion, Your Honor, for him or his subordinates and he said I never did that. Didn't happen.

His time period in Iraq, Your Honor, was limited to 14 months. The beginning of 2003 when military forces were primarily handling all logistic functions, he said it took a very long time before that changed and he admits that after he left in July of 2004, he doesn't have any

personal knowledge as to whether the military or DCMA talked to KBR with respect to waste disposal. His knowledge is limited and as demonstrated through the testimony of Lieutenant Colonel Walsh, it's not accurate to claim that DCMA took a blanket burn pit order and contractually turned that into an instruction to KBR. It didn't happen. He was the DCMA commander. He was involved in those discussions and he said that didn't happen. It was what not how. If you look at the contract, it says waste management in accordance with all U.S. laws and conditions. That was the standard, Your Honor. And we can't second guess that.

We know that that was the standard, Your Honor, because if KBR had blanket permission that had been communicated from the contracting arm to KBR, why in the world in 2004 were 41 incinerators being delivered to bases in Iraq?

Your Honor asked about the incinerators. The incinerator claim is a little long in explanation. But the important point here, Your Honor, is any suggestion that the military was happy with burn pits that they had made a command decision that everybody, contractors, military, everybody use burn pits, that's the only thing you should use, never use anything else. That is not factually accurate, Your Honor, because in reality by

2004, 41 incinerators -- this comes from the testimony of Gerry Vincent which is in our brief, Your Honor. Gerald Vincent. Forty-one incinerators had been delivered and were in the process of being installed.

KBR was not the fastest in dealing with that situation, which relates to part of our claim, Your Honor. However, there was a stop work order sent down and that's -- nothing they could do about that. We don't contest that.

But following that, that stop order was lifted in 2006. Many years of the involvement of Iraq continued after 2006. The military finally could use those incinerators again. But KBR had not kept them up and the military had a very difficult time tracking down where they were, where the parts were and all the time that they were trying to sort this out, burn pits continued to need to be used because the incinerators could not be brought online.

So, yes, that is part of our claim. It remains part of our claim. It also completely obliterates the suggestion that burn pits were the only thing that the military ever wanted in theater, the only thing that was reasonable, the only thing that was achievable. Simply not true, Your Honor.

General Vines was another witness that Your

Honor heard from that supports our claim. He agreed that the terms and conditions of the contract is the way the military controls the contractor. It's not command authority. It's contractual authority. He agrees that the contracting officer is the only government official with the authority to modify the contract and that is adhered to even in the theater of war, Your Honor, which is transcript at page 42, 10 through 17.

He agreed that the contractor sets forth the performance standards. The contractor sets forth the performance standards and defines what the contractor needs to do in the field. They're expected to comply with their contractual requirements. In order for KBR to be a force multiplier, we don't expect General Vines, we don't expect General Sanchez to know every detail of that contract. They've got folks that they rely upon for that. That's the contracting command who sets the standard and the contractor is the first line quality assurance representative, the subject matter expert that's supposed to figure out how to best adhere to that standard in theater.

If they have difficulties, Your Honor, there is a process. It was used routinely by KBR and by the military to tweak a contract as necessary. But he admits that he never superseded the contracting channels and

ordered KBR to do anything and he expected KBR themselves to manage their personnel as to their performance on a day-to-day basis. They were force multipliers because the military was no longer performing that function. They were relying upon KBR to do so and to do so in conformance with the contract. That's what the generals both told you.

And he agreed that any suggestion that there was a blanket order for anything and everything to be placed in a burn pit and indiscriminately burned during his tenure was not the case. He knew that hazardous materials were not authorized to be placed in burn pits and that KBR to the extent they were using a burn pit was expected to segregate and sort out those materials and make sure it didn't make it in there because that is a health risk to soldiers, Your Honor, and that's what he knew about the contract.

And by no means was General Vines the only witness in this case to confirm that KBR or anyone for that matter operating a burn pit was not authorized to burn toxic substances in burn pits. Gerald Vincent never gave permission to burn prohibited items in burn pits as he explained in his deposition. Colonel Frank Steinbugl from DCMA was unaware of any authorization to burn batteries or other toxic substances. General Vines, of

course, we've just spoken about. Colonel Walsh, KBR was not given permission. Even KBR's witnesses. David Palmer who you heard briefly from from plaintiffs agreed that there were hazardous waste collection points and that that mattered and that they should — those items should never be placed in a burn pit. Those were the contractual standards, Your Honor. And just the mere fact that a burn pit in certain instances was authorized for KBR didn't obligate them of their requirement to make sure that whatever ended up in that burn pit adhered to the terms and conditions of the contract.

General Radin was the commanding general of Army Sustainment Command. That's on the army material side. He's the overall two-star general that was in charge of the LOGCAP contract, Your Honor, and he had no personal knowledge of KBR being given permission to burn anything at a burn pit.

Charlie Williams, similar testimony, Your Honor.

And ACO Wes Bennett never gave KBR any permission to burn
lithium batteries, petroleum oil, lubricating products.

These things were not supposed to end up in burn pits,
Your Honor. They weren't supposed to be burned, no matter
what else. Those were hard and fast rules the military
expected to be adhered to. And plaintiffs' contention and
there's evidence in this case that they were not.

One example, and Your Honor heard from Mr. Robbins about his experience, his lack of supervision, his total lack of military oversight at all except on very rare occasions for five minutes at a time. This is not a situation, Your Honor, where the military had its thumb on KBR and how they were carrying out their day-to-day job functions. This was a situation where the military was relying upon KBR to be that force multiplier and to adhere to the contract they agreed to honor.

That's made clear by the testimony of Wes

Bennett, the administrative contract officer, who said

that if KBR had a responsibility and there was an issue

with waste management, it's their responsibility to fix

that issue whether or not somebody noticed it, whether or

not he as an ACO noticed it. The first line

responsibility was on the contractor to adhere to the

contract, Your Honor.

If the statement of work required KBR to follow particular standards, then yes, they would be required to follow them whether or not somebody noticed that they weren't following them. It's from his deposition, Exhibit 43 to our brief, Your Honor.

So, Your Honor, how does this discussion of burn pits and the contracts and the standards that apply to KBR, how does it actually relate to the two questions that

Your Honor asked us to be prepared to decide here today?

The first question, Your Honor, is whether a contractor, in this case, KBR, was under the plenary or direct control of the military during the waste and water functions. And the answer to that, Your Honor, will be made clear that they were not under that test, direct and plenary control. Those are very specific terms with a very specific meaning. And you need to do a discriminating inquiry into the precise facts and postures of the particular case under Baker to decide whether the duty asserted can be judicially identified and the breach determined.

So let's look at what plenary and direct control look like, Your Honor. The Carmichael case was discussed at length earlier. In the Carmichael case, we had a true military mission, a military convoy in which you had the front vehicle was a military gun truck that was commanded by the convoy commander who had the ultimate say on the entire performance of that mission. Interspersed between the military gun trucks, you did have KBR in this case fuel trucks and in each cab of each truck the military assigned a soldier, a shooter to actually sit side by side with the KBR driver and be part of a joint mission to get from point A to point B at the direction of the convoy commander.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

But the convoy commander, not the -- this is the exception under the LOGCAP contract, the force protection exception which was included as an actual term of the contract said if you're in this situation, if you're in a convoy, you do submit to the direction of the military in everything that you do. You still have a KBR convoy commander, but all he's doing is serving as a conduit.

But look at what we see here, Your Honor. convoy commander at the front set the speed, 50 to 60 miles an hour. He said the vehicles would be spaced a hundred yards apart. He said we're going to take this route even though I know it's dangerous, it's the best route we can go on. And we're going to go through some S-shaped curves, Your Honor, at high speeds, but in my military decision making that's the best thing for us to do to reduce the risk to you for me to help protect you. That's what direct and plenary control is, Your Honor. The military has truly taken KBR in that instance under its de facto command because the KBR truck spaced between military trucks is going to do exactly what is directed and for its own safety. It's going to comply, Your Honor. But we have a high degree of complete and utter control of every facet --

THE COURT: Well, isn't a military base in a forward -- a forward operating base in a war zone

something that's heavily controlled by the military in every respect?

MR. LEDLIE: Yes, Your Honor. In many respects. However, the relationship between the military and the contractor on the base is much different than what you see in the convoy cases because -- and let's go to the next slide. Then we can help parse this out a little bit, Your Honor.

The contracts are very much unlike the convoy situation because the military is not giving direct instructions to the individual contractor employees.

Doesn't do that. They are not dictating every facet of every day, every operation. They are not that involved, Your Honor. They perform contract management. They check on the performance of the contract. But they don't get involved in how KBR orders their affairs. They don't get involved in how KBR determines exactly the best way to meet the contractual requirements. That's the difference.

Plenary control is direct control. It means that when you ask KBR who they answer to in the convoy situation and the declarations in that case that you see from the KBR personnel is that they knew full well that they answer in that situation to the C.C., the convoy commander. The military convoy commander is who set everything that they were doing. They had no choice and

wouldn't dare of dreaming of doing anything different.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

You talk to the people that we heard at the burn pits and they say no, I was answering to KBR's management. They were the ones that were giving me any instruction. The military was not telling me what to do on a day-to-day basis. It's not plenary control. It's not direct control. It's contract management. It's completely different, Your Honor. You need to do the discriminating analysis.

How do we know this? Well, there are other LOGCAP III cases out there other than Carmichael. Carmichael was in a force protection convoy situation. There was direct and plenary control there. But in the Taylor case, Your Honor, the court in Taylor looked at the first prong of Taylor -- I'm sorry -- the first prong of political question and said, well, let's look at the contract. Was KBR under the direct and plenary control of the military? No. By looking at just the contract terms, we can see that the contractor shall be responsible for the safety of their employees and base camp residents and have exclusive supervisory authority and responsibility over their employees. That is giving the contractor discretion in determining how they're going to meet that standard. And in that situation the court said that's not direct and plenary control. That's not a political

question under prong 1.

They moved on to prong 2, which Your Honor did not tee up for today's hearing. We will respond to your questions on that as best we can, but it hasn't been --

THE COURT: Well, I wasn't trying to narrow your argument at all. I just said some things I wanted to make sure you all covered. So you say anything you want.

MR. LEDLIE: Oh, yes, Your Honor. No. I wanted to clarify that the two issues that you put up for today's hearing, Your Honor, were the extent of control and the integration question, Your Honor.

You are now asking some questions about the second Taylor factor which plaintiff did not understand that the court would be entertaining. KBR raised it in their brief and so we did respond and we will get to Taylor 2, Your Honor. But the short answer there is it's not ripe for the court's consideration at this time and it wasn't something that was discussed as being at issue for today's hearing.

But Harris is another LOGCAP III case. I should point out, Your Honor, the very language that Taylor found determinative as to whether or not Taylor Factor 1 was at issue, the very same language is contained in the LOGCAP task orders at issue in this case.

Harris was another LOGCAP III case. If contract

administration, Your Honor, was sufficient to trigger direct and plenary control, we wouldn't have Taylor advancing on Factor 1. We wouldn't have Harris advancing on Factor 1. You wouldn't have any of these cases. But it's not a per se rule, Your Honor. You've got to look at the precise facts.

In Taylor, the precise facts were KBR sent out some electricians. They had their own electricians. They got there in their own truck. They did their work. There was a question about them doing that work, whether they complied with the contract terms and conditions. The court said on that they were self-managed. They had their own reasons for hiring the electricians they did and for doing the work they did. If they complied or not is not a political question.

THE COURT: Well, isn't there a significant difference between analyzing something as simple as that one discreet incident under the circumstances you've just described and making the same assessment over a decade long period of time in two vast countries and theaters of war? Isn't it a bit different?

MR. LEDLIE: Very different, Your Honor. But simply because the task is difficult, it doesn't give this court the ability to abrogate its duty to decide justiciable questions.

Harris LOGCAP III is another LOGCAP III case, Your Honor. It was brought under Task Order 139, one of the task orders at issue in this case, Your Honor. It was a maintenance function under that contract, not waste management. But there, once again, the entire structure of the LOGCAP program, when it comes to the on-FOB provision of support services gives KBR significant discretion in how to complete their work. Where plaintiffs' claims are based solely on whether KBR satisfied its contract duties, that Taylor Prong 1, direct and plenary control factor is not satisfied. That is a justiciable case that moves on to whether or not there is some other reason why the case cannot go forward. But it is a justiciable case in controversy, Your Honor. The same thing is true here. The same terms are true here.

Here's Task Order 89 has work site safety.

Making sure that -- the same language from Taylor, Your

Honor, as well as 1.1.2, there was a question about OSHA.

OSHA was a required term in the contract, Your Honor.

Right there in Task Order 139. And this makes clear that

KBR is being the one that's being tasked with the job of

making sure that their work, the work that they are

performing under the contract is safe for their employees,

but also for the base camp residents during all contractor

operations in accordance with the statement of work and

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

the army and OSHA safety regulations as applied to the Iraq theater of operations. So extraterritorial OSHA, yes, specifically mentions applying it in the Iraq theater of operations, Your Honor.

This is probably the most important provision in the LOGCAP III contract, Your Honor, with respect to both direct control under the Taylor test as well as command authority under the Saleh test and it's provision 1.1.1 of Plaintiffs' Exhibit 2 and it states that the contractor shall have the exclusive supervisory authority and responsibility over its employees. The government shall manage the contract, but will not exert control or supervision over contractor employees. That was the standard as written in the contract. It was also the standard as administered in the field, Your Honor, and because of that, this case does not present a situation where the court doesn't have discernible standards or whether despite the existence of discernible standards, the military so thoroughly overtook KBR's movements and operations at the job site that it creates a political question or triggers the Saleh combatant activities exception, Your Honor. And I'd like to explore that further.

Task Order 139, Your Honor, gave KBR operational control in the context of the statement of work, so in the

terms and conditions of the contract, the contractor is fully responsible for performing the function, service or capability specified by the government. The contractor shall report its performance outcomes to the responsible and accountable government official in charge. But the contractor, not the military commander shall maintain supervisory control over all contractor employees.

Every witness that took the stand -- they were mainly KBR witnesses -- understood that KBR was not integrated into -- we didn't have a situation where the military was running a burn pit and they just assigned some KBR guys to go work for a sergeant commanding that operation in day to day. They weren't taking their day-to-day instruction from the military. They were taking their day-to-day instruction from their own management and their own management was determining how they would exercise operational control over that site to adhere to the contract requirements, Your Honor.

THE COURT: Mr. Ledlie, are you at a point where we could take a break?

MR. LEDLIE: I am, Your Honor.

THE COURT: Because I'm looking at your slides and I'm saying, hmm, he's not going to be done in 15 minutes.

MR. LEDLIE: This would be a good transition

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

point, Your Honor. If I could just go over this one point and then --

THE COURT: No. Finish your thought. I don't want to interrupt your thought. But I thought we would take a break for lunch. Then you could wrap it up then.

Sure. Well, let me just leave you MR. LEDLIE: with this, Your Honor, for the lunch break. Direct and plenary control we know from Carmichael is the military taking complete ownership over that particular mission on those -- if this case was about a convoy stopping on the side of the road and creating a burn pit and everybody camping around it for the night and moving on, we wouldn't be here, Your Honor. Because in that situation, the convoy commander has complete control of that mission. The mission is not the war effort in Iraq, Your Honor. The mission is that specific function being followed. In that case, convoy. In this case, waste management and water functions. And in that situation, the management and control of contractors is significantly different than the command and control of soldiers and the Department of Army civilians. That's from the field manual, Contractors on the Battlefield, Your Honor. I understand. And I, too, would like a lunch break, Your Honor. So if this would be a good transition point --

THE COURT: Well, ignore that clock. We'll take

a break until 2 p.m. and by the time you get back, that clock will be fixed.

(Luncheon Recess.)

## AFTERNOON SESSION

THE COURT: You may resume, Mr. Ledlie.

MR. LEDLIE: Thank you, Your Honor.

Your Honor, as I discussed earlier, neither the plaintiffs, the defendants nor the court under the political question doctrine and separation of powers principles is allowed to second guess sensitive military judgments that were expressed through the contracting process set up by the United States military for use in contracting on the battlefield. That's what this case involves and the operative standards are set forth in the actual contracts. And the contracts must be given the weight that they deserve as the determinations by the United States military as to what KBR was obligated to perform in order to adhere to their contractual obligations that they agreed to meet.

Mr. Baker in his opening and during our evidence portion walked Your Honor through a number of these contracts and I just want to highlight a few of the significant facts.

Primarily, Your Honor, that when you look at these contracts, particularly under the political question

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

doctrine looking at whether they directly controlled or plenary control, what is made clear through the contracts is that they afforded KBR as the subject matter expert the discretion to determine how it would achieve the standards. They set tasks and performance standards. But they did not dictate every minutia as to how KBR was to perform waste management or water services.

We're not going to go in detail, Your Honor, but you'll notice, for instance, in Task Order 59 and the timeframe in this would have been in October of 2004, Your Honor, that the contractor shall provide, operate and maintain a waste management system. It doesn't say burn It doesn't say exactly how they are to set that up. It doesn't say they're going to interact with a army environmental officer in coming up with their system. The contractor is given that responsibility. The contractor is expected to know how to do their job as a subject matter expert. But in doing their job, they do have to adhere to the performance standards of meeting army regulatory guidance and supporting the population and function of the base camp. The contract specifically states that the contractor, KBR, is responsible for collecting and storing HAZMAT, HAZ waste generated by their internal operations and utilizing DRMS to transport and dispose. HAZMAT was a separate category of waste that

needed to be dealt with in an appropriate fashion.

And even in 2004, the United States military was making it clear in the contractual requirements that HAZMAT needed to be placed in a HAZMAT disposal area.

THE COURT: Would that include water bottles?

MR. LEDLIE: Your Honor, in 2004, the definition of HAZMAT or HAZ waste would be governed by army regulatory standards. And as Your Honor has specifically held off discovery on violations, the language in the contract doesn't speak to that specifically, Your Honor. But it does make clear that military units are responsible for establishing their own hazardous waste areas, but the contractor shall utilize the military's hazardous waste storage area for disposal and collection of HAZMAT at those locations where it has been established.

On the plastics issue though, Your Honor, I would point out that once again KBR, if you look at their evidence, is conflating military operations, military burn pits with contractor-run burn pits. If KBR had specific permission to dispose of plastic water bottles, you would find that in the contracting process, in the contracting documents, Your Honor. And you don't see that in 2004.

Instead at this time, this was before any stop work order or anything of the sort, the contractor was required to incinerate using a contractor-acquired

incinerator and as we discussed, Your Honor, these were in fact ordered and shipped. That was the army's initial plan. All solid waste to include medical waste, but excluding recyclables.

The intention of the contract documents make clear that recyclables were something which would include plastic water bottles, Your Honor, that KBR was to deal with, to segregate, to separate. And they go on to talk about the ensure the products of combustion. It's talking about the incinerator there, Your Honor. But that doesn't remove the fact that these contracts did set forth army regulatory guidance that applied to how waste was to be handled including a requirement that certain products be segregated out and disposed of in a different channel of disposal. In fact, notwithstanding any other provisions in this statement of work, the contractor shall comply with all U.S. laws.

There is a clear contract term, Your Honor, that allows for in case of any inconsistencies like we don't have an incinerator right now, what should we do? The contractor shall contact the administrative contract officer, identify the inconsistency and seek guidance. All performance shall meet army regulatory standards unless otherwise stated.

In performing their work, KBR agreed to be

responsible for the safety of its employees and base camp residents during all operations in accordance with army and OSHA safety regulations and guidance.

Once again, 1.4, Your Honor. These were not one-size-fits-all contracts. This was not a one-size-fits-all contracting process. This was not the army's first time going to battle with contractors as a support element. That's been true throughout the history of the United States Army. In fact going back to before this even was a country when we were in the revolutionary battles, contractors have always supported orders on the battlefield. The army has a long history of knowing that that can be done. And that in order for it to be done effectively and to be done in a way that actually serves the army's mission, they need to know that the contractor is going to get them what they need and the way that they determine that process is through the contracting process and the contracting documents.

And once the army, the military has set forth those standards in writing to the contractor in clear and unambiguous terms, Your Honor, this court cannot second guess the wisdom of the army's decision making in this area. The army knew what it wanted. It said what it wanted. It didn't get what it should have gotten.

The army said knowing that this was a task

order, you can see up here under LOGCAP statement of work, Multi-National Force, Multi-National Corps Iraq Sites.

The army knew that it was in Iraq when it issued this task order. And it said the contractor shall adhere to the Overseas Environmental Baseline Guidance Document in the performance of this statement of work unless otherwise directed by the ACO as determined to be in the best interest of the U.S. government. And when you look at that OEGBD, Your Honor -- did I say it right?

THE COURT: We'll draft you into the military

sooner or later with all these alphabet soup terms.

MR. LEDLIE: Well, Your Honor, I should note that I am a veteran. I'm a former armor officer and a former JAG officer. So I've had a little bit easier time with some of the terminology. But OEBGD, something about that term in particular is a tongue twister for me. I think it was for Ms. Burke as well.

Once again, this is not a -- this was specifically included in this Iraq statement of work. It comes from the Department of Defense. March of 2000. And certainly, these contracting officers at the Rock Island division of the Army Sustainment Corps at that point would have known what this document said. One of the terms is that open burning will not be the regular method of solid

waste disposal. That's what the military said in their considered judgment as applied to Task Order 139 -- Task Order 59. This was a very early document, Your Honor. 2004. And that is what the military has said.

But in considering the facts of this case, in giving the discriminating analysis which Baker requires, we aren't dealing with, unfortunately for Your Honor, just one timeframe and the standards did change over time.

In 2006, once again a LOGCAP statement of work for Iraq, we see new language in the non-hazardous solid waste management and disposal program. There is still a requirement that the contractor come up with a waste management system and program to include containers and dumpsters, separation, collection and removal of gray water to -- and black water to meet army regulatory standards and the master statement of work or MSOW.

The contractor shall conduct non-hazardous waste, solid waste management activities in accordance with the order of precedence below. So this only applies to nonhazardous solid waste. But with respect to those items, the contract required that the contractor shall conduct recycling in accordance with the LSO and at the direction of the ACO incineration, if possible, landfills. The contractor shall provide new and utilize uncontaminated existing landfills in coordination with the

LSO and at the direction of the ACO and the Multi-National 1 2 Corps C-7 Environmental SOP. Even in 2006, Multi-National 3 Corps Iraq had environmental SOPs that related to how 4 non-hazardous waste would be handled in theater, in the war theater and it was included as a term and condition of 5 6 the contract. Surface burning at this time -- this is in 2006. 7 8 The first -- I can't say that this version, 14.2, is the 9 first one. But we do see at this time surface burning as 10 one of the programs which might be approved by the 11 contract officer, but --12 THE COURT: Mr. Ledlie, the slide you've got on the screen is 78 and my slides stop at 54. Do you have 13 14 some more? 15 MR. LEDLIE: Your Honor, I was not planning to 16 go back through the contract language with Your Honor 17 because I thought we had one -- I was planning on one hour for this presentation. Given the breadth of my 18 19 colleagues' presentation and the importance of the 20 contract language, which once again, Your Honor, we think 21 is critical to this case, it does set the discernible 22 standards that must be applied in this case.

THE COURT: Well, that's fine. Just give me the slides later. That's fine.

MR. LEDLIE: Oh, yeah.

23

24

25

THE COURT: If you don't have copies, we can make copies. But that's fine.

MR. LEDLIE: Yes, Your Honor. We'll be happy to do that.

THE COURT: Okay. Thank you.

MR. LEDLIE: The surface burning, Your Honor, had to be done at the direction of the ACO and it speaks to the contractor providing new or operate an uncontaminated existing burn pit site while minimizing the environmental effects on the base camp. They are the subject matter experts. If they got permission from an ACO to do surface burning, now the what-not-how is do so in a way that minimizes the environmental effects on the base camp.

The contractor shall ensure the products of combustion are reduced to give ash and non-combustible components. The contractor shall minimize any type of smoke exposures to the camp population.

I know that Your Honor at this time has set aside the violations issue for a later date. But it is very much part of our claim, Your Honor, and since the contract required clear language as to minimization and if you look at the case law, that is the type of standard that is exactly what you would expect in a what-not-how contract. And what-not-how contracts are discernible and

are justiciable.

I know you've seen this one, Your Honor.

Mr. Baker covered it. But in Task Order 139, now we're going forward at 2008. Time matters. Conditions change. The base sizes change. There are differences going on on the ground. It's not a one-size-fits-all contract. The contract continues to adjust as the contractor and the military adjust the standards that apply to KBR. But whatever standards are in place, Your Honor, we don't second guess, KBR can't second guess and Your Honor can't second guess. They're set forth in black and white and they are contained in the evidence in this case. It sets both performance standards and performance objectives, Your Honor.

This is 139, Your Honor. Your Honor has seen the contracts and I'm not going to walk you through every one of them again. But I will point out that one of the things that you'll see is that these contracts contain not just these initial portions, but we talked about the reference documents contained in the contracts.

And you heard the testimony that I referenced earlier from Mr. Walsh that said, yeah, if you include a reference document, environmental standard and SOP those are terms and conditions in the contract. Those do need to be applied. They are enforceable. And one of the SOPs

that we see is the Multi-National Corps SOP that 1 2 specifically relate to if you have a burn pit. Okay. And this is -- it's a military SOP which is now being 3 incorporated into the contract document. So when the 4 5 military has a burn pit, it says only wood and wooden products, paper and paper products or canvas uniforms will 6 7 be accepted. 8 So the military when it's running its own burn 9 pits, it has standards on what goes -- what kind of 10 materials can go in them and they elected as a decision of 11 sensitive military judgment to include that SOP as a 12 mandatory term of the contract that applied to KBR. 13 THE COURT: It applied everywhere, didn't it? 14 MR. LEDLIE: It applied -- in this instance, it did because we see it in -- it's a military SOP which has 15 16 now been included as a reference in the contract. So it 17 applied -- you're right. THE COURT: I understand. But this same 18 19 contract language would be included in a contract for 20 similar work at a sleepy base in the middle of the 21 California desert with no battlefield activities going on. 22 Right? 23 MR. LEDLIE: Absolutely not, Your Honor. This 24 is a Multi-National Corps Irag SOP. This isn't a

25

California SOP.

THE COURT: Well, don't they have the same SOP's applying elsewhere?

MR. LEDLIE: In California, Your Honor, I don't think you could run a burn pit anywhere.

THE COURT: I'll stipulate to that.

MR. LEDLIE: Once again though, if you're going to be doing this, you know, there's a process, there's a procedure. You have to respect the contract process. You can't second guess it. You can't say I don't think they should have agreed to that. That doesn't seem like what I would have written if I was the contracting officer. Your Honor isn't the contracting officer and you have to respect the sensitive military judgment that they made in determining what was feasible for KBR and which KBR needed to seek relief from if they didn't find it feasible themselves.

So Mr. Baker did a far more robust job than I have, Your Honor, on the contracts. But Your Honor has heard the evidence. You understand that there are discreet and discernible standards in those contracts. They're not one-size-fits-all. They were specific to Iraq. They were included. Over time, they did change. But they never permitted the unfettered use of burn pits to burn anything and everything. It just simply wasn't what KBR's obligations ever were. And the record is clear

on that.

And whether KBR could use a burn pit or what or how they were permitted to use the burn pit or the terms and conditions that applied to waste management are not judgments that this court can second guess.

Authorizations to use burn pits, there were some. We produced to Your Honor every one that we could find and KBR did not come back with any additional ones that I'm aware of. If they did, they are what they are. We don't question the wisdom of a contract officer if he did grant KBR permission to use a burn pit at a given base at a given time.

required in that contract with respect to that use, then, Your Honor, at the appropriate merits phase, we'll have a problem because we don't second guess any military judgments that were set down through the contracting process. But any suggestion that there was a blanket across the board, all base, all time, all products, Your Honor, it simply doesn't match the evidence in this case. And we can't second guess the contracts and we can't second guess the contracts and we can't documents present ascertainable standards that do not implicate the political question doctrine.

Before I move on, Your Honor, does the court

have any questions for me about -- well, let me do one thing before I -- interrupt me as you will, Your Honor. But I would like to pull up a slide of -- a demonstrative slide, Your Honor, of a KBR burn pit and we're going to look -- and this is based primarily on Mr. Robbins' testimony. That he is represented here with a red hat. He was overseeing the burn pit where he was stationed. He had some third country nationals, TCNs, that were assigned that he was supervising doing the operations.

Your Honor, this is the complete contrast to what we saw in Carmichael. Inside this burn pit, we don't see a permanent presence of a military officer giving these third country nationals or Mr. Robbins' daily instructions on exactly how to handle waste at that site. That's not the way the process worked. This was KBR's site for KBR to manage their employees.

If you had and you'll see on the slide, Your Honor. I have DCMA up here. If DCMA and ACO came out or a QAR came out for an inspection for five to ten minutes or half hour, they might go into the burn pit. They would be observing what was going on, but they would not be directly supervising or giving instructions to the personnel. They would go back to KBR management and if they had issues, they would make them known. It was up to KBR to deal with them, Your Honor. It's not -- it's just

not Carmichael. It's not direct and plenary. It's contract management.

And while DCMA had the true ability, the contract officers to direct a contractor, to the extent that there were any CORs or any coders or the other terms that you've heard, Your Honor, those people could not even give any instructions to modify or direct the contractor on anything. They were simply there to serve as the eyes and ears of DCMA to provide input. But they didn't have the ability — they certainly didn't have direct and plenary control over KBR's personnel in the way that you see in the convoy situation. It's completely different. Operational control of that site was granted to KBR to perform their duties as tasked in the contract. Night and day difference, Your Honor.

DCMA performs contract administration. But does not directly control contractor employees or dictate how KBR meets its performance standards. In the convoy case, the convoy commander does dictate exactly how that convoy operation is going to work from when it starts to when it ends. And he communicates through a KBR personnel, true. But he is the one in charge of that pit. At this pit, Your Honor, Mr. Robbins was in charge and he was supervised by his KBR management. The military if they showed up for a surveillance audit, was there for a short

```
while. Did not give him any instructions or directions.
 1
 2
      They looked at what was going on. Maybe exchanged some
 3
      pleasantries. And if they had issues, they would have
      reported back to KBR's management. That's not direct and
 4
 5
      plenary control, Your Honor. With that said, Your Honor,
 6
      does Your Honor have any questions?
                THE COURT: No.
                                 I think you very adequately
 7
 8
      covered it.
 9
                MR. LEDLIE: Thank you, Your Honor.
10
                THE COURT: Thank you.
11
                MR. LEDLIE: While I'm doing that, Your Honor,
12
      to the extent that I'm drawing anything on there, does it
13
      help Your Honor at all or are you looking mainly at the
14
      paper document?
15
                THE COURT: You mean if you are drawing on the
16
      screen right now?
17
                MR. LEDLIE: Yeah.
                                    I was.
                THE COURT: Go ahead. That's fine. I'll look
18
19
      at it.
                             I didn't know which version Your
20
                MR. LEDLIE:
21
      Honor was looking at I guess.
22
                THE COURT: Well, of that document that's up
23
      there?
24
                                  It's fine, Your Honor.
                MR. LEDLIE: No.
25
                THE COURT:
                                 If you want to put something on
                            No.
```

the overhead thing and mark it up or you can do it on the screen, too. That's fine. We are a hi-tech courtroom.

You can do it any way you want.

MR. LEDLIE: I appreciate it.

THE COURT: You can do low-tech on that thing on the right and hi-tech on the screen.

MR. LEDLIE: So to speak more to this, Your Honor, though, there was an absence of plenary or direct control that was the very structure of the LOGCAP's contract as to functions within a FOB. Functions within a FOB, KBR was fully responsible for performing the function or capability. That's from Exhibit 38, Your Honor.

And KBR did maintain supervisory control over all contractor personnel. Task Order 59, Exhibit 76.

Exclusive supervisory authority and supervision over their employees. Contrast that to Carmichael, Your Honor. Contrast that to direct and plenary control. It's not. The relationship of KBR and the U.S. Army was at all times to be that of an independent contractor.

Your Honor is familiar with independent contractors and that you can set a standard in a contract and ask that contractor to go out and perform it. But you don't have the authority to go and interfere with how he's doing that. You manage a contractor through whether or not he meets the terms and conditions and you change it

with his agreement through accepted contracting principles. That's not Carmichael.

In fact, contractors not in a convoy because in a convoy situation, Your Honor, as the LOGCAP contract recognizes, contractors are not lawyers. They are not equipped to deal with the threats that are engaged on a route in insecure areas. In those areas, they have to rely on the military. In fact to reserve their Geneva Convention status and everything else, they can't protect themselves in that way other than self-protection. They can't actively engage the enemy. They have to rely on the military. But once they get on the base within their area, they are given operational control over that site and they're expected to be self-sufficient --

THE COURT: Well, they are relying upon the military for their safety and security, aren't they?

MR. LEDLIE: Your Honor, they do rely on the military for the security of the base itself. And certainly, if they came under mortar attack and the base commander came out and said, you know what, I want you to shut down the burn pit for now, go back to your -- go back over here with my guys, they would have to listen to that. Absolutely, Your Honor.

But in their day to day, 6 to 6 or 7 to 7, outside of an unusual circumstance, as General Vines

himself said, I'm not going to direct a contractor in the performance of their work. We don't do that. We rely on the contracting professionals -- we rely on KBR to manage their employees. And if there's an issue that needs to be brought up otherwise, we rely on the contracting process. That's the way the military works in wartime with contractors because contractors are not direct reports to the base commander. They work for KBR. They are not expected to take individualized authoritative direction from military officers. In fact, it's prohibited by every standard of contracting law. Because if we did that, Your Honor, we would be converting to be a government employee. There's a large number of problems with that. There would be employment law issues. There's a lot of reasons why we don't allow that, Your Honor.

The army has worked with the LOGCAP program for a long time. They understand that. The commanders understand that. The commanders that came here spoke to their understanding that contractors are different. We didn't treat them as soldiers. We didn't give them direct supervision. We didn't give them orders. We relied on their people to manage their folks and we relied on the contracting -- we would plan with their management. We would tell them what's going on. But that doesn't constitute plenary or direct control. That constitutes

helping the contractor know what he's expected to do. But how to do that on a day to day basis, that's for the contractor to manage once he knows what's coming.

In fact, we don't tell the LOGCAP contractor how to perform the mission. We just tell them what the end result has to be. Exhibit 8. It's the absence of direct or plenary control. The initial objective is to require the contractor to be as self-sufficient as practical in the wartime location.

And on most FOBs on most days as you heard from the witnesses on the stand, the military was not all up in KBR's business at the actual job site. And if they were there, they still respected the fact that KBR's personnel worked for KBR and not for them. KBR's subcontractors they wouldn't really deal with at all. They'd go back to KBR's management if they had an issue and that's a critical distinction between direct control and contractual control. One creates a political question. One does not. This is the latter.

We'll move on, Your Honor, to the combatant activities exception questions on remand. Unless Your Honor has any other questions on --

THE COURT: No. That's fine. That's fine. Thank you.

MR. LEDLIE: The first question, Your Honor,

that you have phrased to us is whether -- or the Fourth Circuit did -- whether the military retained command authority over KBR's waste and water services. Put another way, the extent to which KBR was integrated into the military chain of command.

And there has been a suggestion that this created -- that we're suggesting that there's a per se rule that because the LOGCAP contract said maintain an independent contractor status, that this test could never be satisfied in the LOGCAP situation. We know that's not true.

In the Carmichael situation, they were over there on a LOGCAP contract. But they were in a very specific mission at that time, a convoy, a military convoy, a heavy militarized convoy. And under the contract, that fell under a special clause, force protection and there was an unusual arrangement for that limited purpose. But on side the base, you don't see that regularly day to day.

Yes, like I said, insurgents are storming the fence. Military is going to come in and they're going to take control of that situation for the safety of everybody on that base. But the contractor on a day-to-day base inside the site, they do not integrate into the military chain of command. The military has used them as a force

multiplier. They've moved those soldiers that might have been performing waste disposal previously for the military out. They're not there anymore. The contractor personnel and the contractor management are there. They've taken over.

But it's not true that in all situations, contractors remain independent of the military. Sometimes the military doesn't follow that rule. And you have to look at Saleh as an example of a contractor that had lost its status. The contractor personnel had lost their status as independent contractor personnel. They were being treated and they were assigned to work inside of a military chain of command.

More specifically, the contractor employees were actually teamed with military personnel who the military personnel were themselves performing the specific task at issue.

Interrogation. So you have a military soldier and an interpreter in a room together with a detainee working as a team. In this situation, they ultimately are answering up to a military commander who has control of the overall interrogation process. So the sergeant and the contractor work as a team. And who sets that team's performance? Who is looking over them? A military officer. That is what integration into a combatant

activity over which the military retains command authority looks like. They're actually assigned to a military unit and they're doing a job side by side with the soldier and they're answering to a military commander who is giving them authoritative direction. It can happen. It did happen. But that's not what we have here.

The overall supervisor of the burn pit, if it was a KBR burn pit was somebody like Mr. Robbins. His immediate supervisor was another KBR management person. His ultimate supervisor was KBR management. As you go up the KBR chain of command, you hit KBR, KBR, KBR.

In Saleh, you didn't have that. You had a soldier and a contractor working together as a team, but their work is being overseen by a superior military officer and he's the one that decides what they're going to do next, what they need to do different. It's completely different, Your Honor.

So the function of that is are they part of a military unit? A command is a military unit. You have command authority over the personnel in a unit. If you take a contractor and you put them inside of a military unit and you put them as functionally the equivalent of a soldier, you have a problem if you're a plaintiff because you're going to run flat into the combatant activity exception. But that's not what we have here.

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

But it's not so clear and it's not so simple. In Al Shimari, Your Honor, the military -- this was at Abu Gharib prison. And the military was unquestionably in charge of the official command structure at Abu Gharib for interrogations. The military was short on interrogators and they brought in some interrogator contractors and these folks were assigned to the military command structure at Abu Gharib and they actually had to submit their interrogation plans to the military chain of command for approval. That's direct control, but it's also integration into a combatant activity over which the military is definitely exercising command authority. are approving or disapproving the specific plans. And they were actually once again interrogated -- I'm sorry -integrated into interrogation teams under direct military command. It's completely different than what we see at the burn pit.

But the court found that even though the military had command of the prison and even though the interrogator personnel were required to submit these plans and there were some guidance documents that they were supposed to follow and there was military officers looking over them during the day, that at night, the military wasn't -- there was a command vacuum. They were not actually on the ground providing plenary or direct control

or in this case integrating them into the command structure at all times because the command structure wasn't operating very well at all times.

And in those circumstances, Your Honor, the formal control that existed, even though they were integrated into a true military chain of command was not sufficient to create the need to trigger the combatant activities exception because as a practical measure, you look at what actually happened at the site when the events at issue were happening. And here they said there was a formal structure, there was formal integration. But at night, there wasn't any commanders looking over this. And therefore, there was not actual control.

So Your Honor asked about formal versus actual control. This pattern of facts is very helpful to the plaintiffs, Your Honor. But we don't even get there. We don't even get there, Your Honor, because KBR was not integrated into a military unit doing waste disposal. They were the unit. They were the civilian unit. So combatant activities, Your Honor, on which KBR bears the burden. But we see, Your Honor, there's at least a genuine issue of material fact. Far more than that, Your Honor, it simply doesn't match the facts of this case.

Both in practice and in policy, that's made clear that there is an absence of command authority in the

waste and water issues here.

I believe I made this point before, Your Honor, but I want to make sure that it's clear. When you do your discerning analysis of combatant activities exception and it speaks about a common mission, the mission is specific. It's not war. It's what's the task at hand. In this case, it was interrogations. In our case, it's waste management and water services at those bases where KBR is the one doing it.

And so you can be integrated into the planning, into the overall mission. That's not the test. If you're going to do a discerning analysis -- a discriminating analysis, you're going to look at the cases fairly. You find that you have to look at what's actually going on on the ground. And when you do that, Your Honor, it's not -- it's just not the case that the military was exercising command authority. They are exercising contractual authority and there's a difference and every witness, every general, every person said that. Not only did they say that, the documents say that.

Contractors on the Battlefield, a reference doctrine included in the LOGCAP contract. It must be clearly understood that commanders do not have direct control over contractor employees. It couldn't be more clear. Contractor employees are not government employees.

Only contractors directly manage and supervise their employees. Only contractors, Your Honor. The relationship is -- it goes on to state, the relationship with the contractor does not extend through the contractor supervisor to his employees. Only the contractor can directly supervise its employees.

This is consistent with the holding in Harris. The scope of preemption that includes contractors' contractual violations is too broad to fit this preemption because the conduct underlying these violations is necessarily made independently of the military's battlefield conduct and decisions. This is the contracts case. This is governed by the contract and that contract was managed through the contracting management arm of the military that set forth terms and conditions. By definition, the military cannot retain command authority nor operational control over contractors working on performance-based contracts that describe the work in terms of the required results rather than how the work is to be accomplished.

Harris like this case was a performance-based contract in which the independent contractor status of the contractor was honored not just in the contract documents, but in the field on the ground.

Among the witnesses that confirmed this was

General Vines. He said when asked the question, The 1 2 civilian contractors are not subject to your military 3 command and control through a chain of command. Correct? That is correct. 4 And do you agree that during your time in Iraq 5 that contractor employees are not under the direct 6 supervision of military personnel in your chain of 7 8 command? 9 That is correct. 10 we didn't just ask them are they military -- are 11 they part of the military chain of command. We asked them 12 the other question. Are they under the direct supervision 13 of military personnel in your chain of command? 14 He said no, that is correct. 15 You agree that command and control of a civilian 16 contractor like KBR is tied to the terms and conditions of 17 the government contract? 18 General Vines agreed. 19 And that, meaning the terms and conditions of 20 the government contract is the exclusive measure of 21 command and control of the contractor as an entity? 22 I agree with that. 23 I believe we've covered this, but I want to make 24 sure I've got it a hundred percent correct, sir. Were KBR

employees integrated into the official command authority

25

of Multi-National Corps Iraq? They were not. 1 2 we didn't just ask the combat commander. 3 asked DCMA. Are you just exercising contract management 4 or have you put these KBR personnel into your chain of command? Augusta Fehn said no. She wasn't the only one. 5 Colonel Steven Zamparelli, DCMA commander, 2003 6 to 2004. So was KBR responsible under the LOGCAP for 7 8 supervising its employees? 9 Yes. 10 And was KBR responsible for supervising its 11 subcontractors? 12 Yes. 13 And were KBR employees ever part of the 14 military's chain of command? 15 No. 16 And were KBR's subcontractors ever part of the 17 military chain of command? 18 No. 19 And would a contractor employee become 20 integrated into an assigned unit and rotate in and out of 21 theater with the unit, a military unit? 22 Not to my knowledge. Not by direction of the 23 government, to my knowledge. 24 That's not the way that LOGCAP contractors were 25 treated. That's because the LOGCAP is not a personal

services contract. The military can't enter into arrangements with civilians where they will take personnel, civilian personnel who take day-to-day direction from the military. But it's a particular kind of contract, a personal services contract which under the FAR, the LOGCAP is not. The LOGCAP is a services contract that by the Federal Acquisition Regulations is required to adhere to a performance standard system as opposed to a personal services. And the reference to that, Your Honor, is Exhibit 40, LOGCAP 101 and Operational Planners Guide.

A lot of witnesses, Your Honor, were deposed in this case and in our brief, which you know is evidence in this case, everything that's cited therein. I don't have time to chapter and verse, go through every point that KBR made in their three-hour presentation. I don't need to, Your Honor, because the evidence is in our brief.

And I'm pointing you to some of it now, but you need to look if you have any questions, just as you've been clear to me that you were with KBR, that if there's more to look at, you're happy to look at it. Your Honor, at the end of this presentation, I'm going to go through on various points and help direct Your Honor in our brief to the various paragraphs that might be helpful to Your Honor in sorting this out.

But Mr. Steinbugl, Colonel Steinbugl. Now under

1	the LOGCAP, was KBR responsible for supervising its
2	employees?
3	Yes.
4	Was KBR responsible for training its employees?
5	Yes.
6	Was KBR also responsible for supervising
7	subcontractors of KBR?
8	Yes.
9	That's echoed by Mr. Charlie Williams. KBR was
10	responsible for supervising its own employees?
11	Yes.
12	And was KBR responsible for supervising its
13	contractors? Well, for managing.
14	Yes. For managing its contractors and for
15	training.
16	And when you say provide supervision, does KBR
17	supervise its own employees?
18	Gerald Vincent said yes.
19	Colonel Walsh who we spoke of earlier. As DCMA
20	commander, could you directly discipline the KBR employee?
21	No.
22	The KBR subcontractor, could you discipline
23	them?
24	No.
25	Did you personally evaluate or sign off on any

particular employees -- KBR employees' performance of 1 2 their job duties under the LOGCAP III? 3 No. If KBR was integrated into the military chain of 4 command of DCMA, which is a military command, Your Honor, 5 but he would be as we saw in the Saleh case and in the Al 6 Shimari case, looking at the performance of an individual 7 8 contractor and weighing in on that. That's not the way 9 LOGCAP worked. 10 Did KBR -- Mr. Singleton. Not just military witnesses. KBR's own witnesses. Did anybody from KBR 11 12 report directly to DCMA as their supervisor? 13 No. Nobody. 14 Did DCMA conduct training for any KBR employees? 15 No. 16 And I think we've already established that DCMA 17 didn't have the ability to fire any KBR employees. 18 that correct? 19 Yes. 20 This is an independent contractor, Your Honor. 21 This is what it looks like. DCMA relied primarily on KBR 22 to perform quality assurance and inspections. DCMA had 23 limited personnel in theater. That's not being critical. 24 That's pointing out that the control that was exercised 25 over KBR was not as KBR has suggested to this court.

There were limited amount of personnel. There were major -- as is identified in our brief, there were major problems with the contract supervision system. But as in Al Shimari, that's simply pointing out that on the ground, things were not as robust as the formal system might suggest. But that's okay. That doesn't create a combatant activities exception. Far from it.

Although DCMA was delegated contract administration authority for LOGCAP, DCMA in fact relied on the prime contractor, KBR, to perform quality assurance inspections and repair in those facilities.

So we have a report here from the Inspector

General and he's obviously not speaking specific to burn

pits here, Your Honor. I want to be clear about that.

This is Exhibit 52. But this is the way the entire LOGCAP

program was set up. KBR was directly responsible for

making sure that it met the performance standards. It was

a requirement of the contract that they do that.

The standards are clear. The lack of conformance with them will be proven in this case, Your Honor, and it has been through the witnesses that have been allowed to testify that have been deposed so far.

And I'm not going to belabor this point. It's in our brief, Your Honor. But the CORs, the suggestion that the CORs were a meaningful and robust surveillance of

the program, the CORs in theater did not adequately monitor the contractor's performance. That was the finding, Exhibit 70 of the D.O.D. I.G. report. LOGCAP Civil Augmentation Program Support contract needs to comply with the acquisition rules.

The oversight of the LOGCAP support contract was inadequate. Not being critical of the military. That only comes into play if under a theory that the military was itself negligent.

And I should address, Your Honor, briefly although as we pointed out, it really wasn't teed up for this hearing. But as to both Al Shimari Factor 2 and Taylor Factor 2, Your Honor -- I have to help my colleague, Ms. Veldman, unless she already knows where I'm going here because I do have a slide. Second to the last I think.

Under Taylor Factor 2, the National Defense
Interest factor which Al Shimari merely mirrors, Your
Honor. Whether the plaintiffs' claims or KBR's defenses
require the court to question the military's judgments, it
isn't ripe. So the court can't determine that yet. KBR
has not, because of their jurisdictional motion, filed an
answer, alleged whatever their allegations are going to be
as to what defenses apply. The court hasn't allowed
discovery in those areas.

that the determination of this issue has to turn on a choice of law analysis. Plaintiffs have contended as a general proposition that Delaware law applies to their tort base claims. And under Delaware law, the contributory fault defense is not allowed with respect to non-parties. The United States government is not a party to this action and Delaware law does not allow comparative fault where the defendant's conduct is reckless which is another of plaintiffs' allegations. Similarly, Delaware uses pure joint and several liability and KBR's defenses do not apply to plaintiffs' contract claims in any event.

So that is an issue for another day, Your Honor. But we did want to address it since Your Honor had asked about it. We do think that that needs a far more robust record before Your Honor could take that up. But that's the answer to your questions there, Your Honor.

Going back to -- really this speaks to both lack of direct or plenary control as well as lack of command authority. General Sanchez was quite clear that individual military officials could not direct individual contractor personnel. He said that in this court as did General Vines. I did not have command authority over KBR's employees.

I asked him, KBR's command and control is

exercised through contract management, not command? 1 2 That is correct. 3 And the DCMA is a military organization? 4 They are, sir. But through your declaration, I just want to 5 make clear that your command as the military commander, 6 you had command and control over your forces, your, the 7 8 forces assigned to you? 9 That is correct. 10 But you did not have command and control over 11 KBR's employees? 12 That is correct. 13 Similarly, the contracting arm, Your Honor. 14 General Radin. KBR was not in the military contracting 15 chain of command. He's a two-star general, Commander of 16 U.S. Sustainment Command in charge of overseeing the 17 LOGCAP contract. 18 Did you have command and control authority over 19 KBR employees? 20 No. 21 As a two-star general commander of the United 22 States Sustainment Command in charge of overseeing the 23 LOGCAP III contract for funding and management, did you 24 possess, command and control authority over KBR's 25 subcontracted employees?

No.

KBR was not in DCMA's chain of command. Wes Bennett said it perhaps most succinctly. He was asked by KBR, Did you also provide oversight of the KBR employees to the extent they were providing a service that you authorized?

His answer: I don't think my oversight was specific to employees. It was more general to the performance of the contractor. That's what contracting personnel looked for. Performance of the contract.

Within that structure, did you provide supervision or guidance to KBR as an entity which necessarily includes KBR's employees? So now he's gone from the specific of personnel to the entity.

And he says I wouldn't call anything I did supervision. I would call it -- I wouldn't categorize it that way. No.

I thought it was important for Your Honor to see the video of Augusta Fehn because she explained exactly how the contract management process worked in theater. She was there in 2009. The LOGCAP had been going on for quite a while and she was clear that the LOGCAP III was a performance-based contract. The government control over contractors is based in contract and based in DCMA management. It's not commander authority. In order to be

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

legal, any contract administration must come through the DCMA side of the military, Your Honor.

No one except the ACO, so CORs, mayors can expressly direct a contractor to do anything. I read Your Honor the core regulations on Friday and you have that in our brief as well. The reason behind the policy precluding combat commanders from telling contractors what to do is to protect the public fisc. The contract agency is the one that is responsible for answering where the dollars go and what was done. It's important that the system is -- has integrity, that the system has accountability and that's the reason that the military has one clear chain of command for contracting issues. they understand that they are to exercise contract management, not to convert these people into soldier equivalents and exercise command authority. These are contracting professionals. They know how to manage a contract.

One last point, Your Honor, in case you missed it in her testimony. She said on lines 132, 10 through 13 and 136, 6 through 11, specifically, KBR was not integrated into the command structure of the military and KBR was not part of the military or DCMA chain of command.

There's no way that KBR can prevail on their combatant activities exception with those types of facts

in this record.

The contractor, she also spoke to the citing issue, Your Honor. We've told Your Honor that, yes, with the operational military, you asked whether they have control over a base and they do make certain decisions, but they also rely on contractors, subject matter experts to provide them with recommendations to let them know if something is going on there is going to create a hazard.

Mr. Walsh, I provided Your Honor with that testimony on Friday. He said absolutely that's something they would be expected to do. I'm not aware of them ever doing that. Ms. Fehn said look, I'm aware of them maybe complaining about something like that. We'd listen to them and we'd accommodate them. That's the testimony.

So a subject matter expert, somebody that's an expert in their field knows the conditions, knows risks, they are in a better position as Ms. Fehn explained because the folks, the war fighters, there's not an MOS in today's military, Your Honor, for municipal waste management. There is a broad function that our core of engineers personnel could handle, but we don't have enough. We do rely on contractors, but we rely on them to help out our other military and let them know if there is something that they need to be aware of.

She's also very clear about how you dictate

tasks. The military does not give step by step direction in these types of matters. They don't put them under their direct and plenary control. Rather this is an end product we want, go get it done. You should know how.

Even Commander Hersh, who I don't think it's any accident, Your Honor, that KBR would probably be able to identify the most gung-ho QAR in history and Mr. Hersch gave some very spirited testimony here and I appreciate that and I'm sure that they were well familiar with him from his time there.

But he knew his role. His role was not to give KBR employees instruction, guidance or direct orders. As gung-ho as he was, he understood there's a contract process. It has to be respected. We can't question that, KBR can't question that and this court can't question that because the integrity of the independent contractor status of KBR in these functions was maintained.

He never saw anyone actually operating the burn pit. He only went out once a week. There was a good reason why he only went out once a week. But the fact remains, to suggest that these folks were under any type of direct and plenary control when the only person out there to monitor their performance never even sees anybody doing the job is interesting.

And he admits that he never gave KBR the

authority to ignore the hazardous waste procedures. Nor did he have the authority to do so. He confirmed that these military bases had HAZMAT areas and that's where that type of waste was supposed to go.

Mike Mayo, KBR's witness, he agrees that the relationship between the military and KBR was defined by the contract. He agreed that military commanders did not have the authority to bypass the process. Everybody understood there's a formal process. KBR understood it. The military understood it. The court needs to respect that that was the process.

He agrees that military commanders, members of the supported unit and LOGCAP support officers did not have the authority to direct KBR's work or give KBR orders.

He agrees that the majority of KBR's work force was subcontractors and that KBR, not the military, was responsible for the supervision of those subcontractors and the military could not issue orders to KBR subcontractors. And he does not, by the way, have any specific recollection of any burn pits and never had the issue of waste management come to his attention. So if you're giving a discriminating analysis, that's a fact to consider.

Roger Singleton. Another witness we heard from,

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

another witness that agrees that KBR had to follow the terms of the contract. And conversely, KBR could not do anything outside the scope of the contract. That's KBR'S witness. He admits that the military wanted KBR to perform a new task. They had to go through the established LOGCAP process.

You keep seeing the same testimony again and There's more examples of it in our brief, Your again. But even from the record you just heard in court Honor. this week or last week, excuse me, you can see that there's no hidden command authority going on here. these tasks, on a day-to-day basis, across bases, across two countries, KBR was managed as an independent contractor unless urgent needs like convoys, like discreet emergent conditions required the military to step in and take a more active role for a limited duration. That happened. But it didn't happen regularly and it doesn't -- the fact that KBR traveled, Your Honor, there's been a lot of testimony about convoys and the fact that at times that KBR was under plenary control doesn't mean that at all times they were under plenary control. You have to give it the discriminating analysis.

He agrees that KBR was responsible for assuring that their own performance was in compliance with the contracts. He agreed that neither the supported -- I

already read that. He agreed that there were no military personnel working with KBR in the burn pits. This isn't Saleh. He agrees that no military commanders or military security forces gave any instruction to KBR employees in the burn pit as to how to do their job.

Your Honor, I understand that Your Honor has some reticence about this case. I understand that you think that the plaintiffs aren't allowed to go forward at this juncture. Based on your questions, I think that's the way that the court is leaning.

THE COURT: Don't assume anything from my questions.

MR. LEDLIE: Okay. Well, Your Honor, I'm glad to hear that because the operative law in this case only gives the type of immunity that we're talking about or the lack of justiciability for political question in a very, very narrow context and the facts here just don't match that. And combatant activities exception once again is KBR's burden and the facts here suggest that they are nowhere close to meeting it.

Mr. Robbins' testimony is quite clear that the military was not commanding him nor regularly a presence in his tenure at the burn pit.

Once again, if you're looking at combatant activities exception, Your Honor, this is the picture.

1 You could pencil in a QAR coming by every once in a while 2 doing contract management, a contract officer maybe coming 3 by, a COR. But this is not -- that's not them taking control of that burn pit and making that a military 5 command. That's them managing a contract and in the case of the CORs and the mayors, it's really them just 6 surveilling it. If they actually wanted to change 7 8 anything, they, too, had to go back to the contract 9 officer and the contract management process, Your Honor. 10 I think I've made my point. 11 On combatant activities exception, Your Honor, 12 before we get to the summary slides here, does Your Honor 13 have any questions about the operations of KBR, the 14 interaction between military command structures and KBR 15 command structures, anything that I can -- any questions 16 that the court has that I can address? 17 No. I think the record is pretty THE COURT: 18 well developed on that. 19 MR. LEDLIE: Thank you, Your Honor. 20 THE COURT: Thank you. 21 MR. LEDLIE: So I know that the court has 22 indicated that he will not be ruling from the bench --23 THE COURT: You got that one right. 24 MR. LEDLIE: And as a result, Your Honor, I 25 wanted to help direct the court to some areas that may

address certain topics that the court may be looking at that demonstrate that KBR was not under either the plenary or direct control of the military nor were they integrated into a combatant activity waste management or water services that the military retained command authority over.

And some of the subpoints, Your Honor, is that KBR was a private company and not part of any military command. Paragraphs 1, 6 and 32 of our brief, Your Honor, would be instructive on that point.

KBR was hired to be a force multiplier and in that hiring was expected to free the military from the need to be jointly operating those operations. Paragraph 3. It would be managed through a contract, but they would not be cooperating.

They were experts in the field and should know how to meet the performance standards. Paragraph 9.

KBR at all times relative to this suit with respect to waste and water was working under a performance-based contract, Your Honor, as opposed to some other arrangement like personal services. Paragraph 8.

KBR was expected to be self-sufficient.

Paragraph 4.

KBR was at all times an independent contractor

in the performance of their waste and water duties. 1 2 Paragraph 12. Also paragraph 12, operational control over its task services, Your Honor. 3 KBR had exclusive supervisory authority and 4 5 responsibility over its employees and subcontractors. Paragraph 13, Your Honor. 6 KBR was responsible for ensuring its performance 7 8 complied with the contract. Paragraph 16, Your Honor. 9 KBR performed its work independent of the 10 military. Paragraphs 13, 32, 33, 60 and 61, Your Honor. KBR could decline work. Paragraph 11. 11 12 KBR employees maintained separate offices and 13 housing on bases. Paragraph 15, Your Honor. 14 KBR had its own management structure. That's 15 among other places at paragraph 15. 16 KBR was not in the military chain of command. 17 Paragraphs 20, 27 and 28, Your Honor. KBR was not directed or overseen by the combat 18 19 command, the operational arm of the military. Paragraphs 20 19, 27, 28, 30 and 43, Your Honor. 21 KBR was not in the DCMA chain of command. 22 Paragraph 29. 23 And KBR only took direction from the contract 24 documents, from the contract officers and ACOs under the 25 standard operating procedure under established contracting Taw. Paragraphs 19, 22, 26, 46 through 57 and 59, Your Honor.

That's a bit of a roadmap to some of the evidence which plaintiffs believe should guide you in your determination of the issues in this case.

I would point out, Your Honor, one other point.

There's been a suggestion that things like recycling weren't ever possible in Iraq. But you heard the testimony from Mr. Postlewaite that when he was over there, there was recycling programs at places. Composting programs were employed early on.

I'd also show you, Your Honor, a document from our brief. 6017. We'll do the cover page and then -Your Honor, this is a KBR Department of Logistics Document
15 January 2005. Your Honor may remember it. You know,
of course, we did do discovery on Balad. This was one of
the Balad documents, Your Honor. I can just read it to
Your Honor. It's page 41 of Exhibit 6017, Your Honor.
And among other things, it notes that in 2005, KBR was in
the stages of construction of a compacting baling of metal
for disposal. You also heard testimony from other
witnesses about KBR separating out metal from the waste.
But also a composting and bio-remediation program for food
waste, Your Honor. This was feasible in the early stages
of the war and it was not employed and it should have been

under the contract.

My colleague, Mr. Baker, has pointed out rightly that I haven't addressed Your Honor's water claims question. Mr. Baker is more of the water expert than I. Would you like to -- I'll handle it, Your Honor.

I believe we've covered this at length in our brief. The water claims, there's no evidence of plenary control. No evidence of integration. Your Honor has the slide where we give you --

THE COURT: That's 54. I'm looking at it.

MR. LEDLIE: Is it 54, Gina?

THE COURT: I think it's 54. I've got it right in front of me. Thank you.

MR. LEDLIE: Okay, Your Honor. We would basically say, Your Honor, one of the things that you need to look at in the water claim is while it does set a performance standard just like in waste, that KBR was -- had the responsibility for testing and ensuring the quality of the water it received. That was KBR's direct responsibility.

The military did do some QA/QC. Water is extremely important in theater. So they certainly did do some testing on that. But not all the water was tested by the military. In fact, KBR had the responsibility for testing and ensuring the quality of the water it

delivered. Any preventative maintenance oversight was limited to their -- to the end product, the deliverable, not the process.

And there has been noted as Exhibit 114 an army I.G. report that found that KBR was not living up to their contractual obligations. There's no evidence that KBR was ever directed or authorized to violate the performance standards with respect to water services, Your Honor.

THE COURT: Was KBR responsible for the -- I think I heard the witness correctly -- the reverse osmosis canteens?

MR. LEDLIE: The reverse osmosis purification.

ROWPUS. Basically, yes. They would treat water, Your

Honor, at certain bases at certain times. And just as

with the burn pits, they didn't do all the water at all

bases. There weren't issues with all water at all bases.

But there were several documented incidents where there

was a problem and KBR was --

THE COURT: If I understood the testimony correctly, the reverse osmosis water was not a popular type of water among the soldiers and that's why we ended up with a billion water bottles.

MR. LEDLIE: I did hear General Sanchez relate that story. I believe that as time went on, Your Honor, there actually came a time that they were treating the

water and then bottling it in country. So I think as in 1 2 all things in this case, you have to look at the direct circumstances of the bases over time and it's not a 3 one-size-fits-all solution. But I do think that we heard 4 5 that testimony, Your Honor. 6 THE COURT: Okay. MR. LEDLIE: If I could have a minute, Your 7 8 Honor, to confer with colleague? 9 THE COURT: Yes. 10 (Pause.) 11 MR. LEDLIE: There's also apparently with 12 respect to the water claim in our brief, Your Honor, a 13 D.O.D. report that also relates to that. We'll certainly 14 identify that in our post-hearing briefing to Your Honor 15 to assist you --16 THE COURT: And you're going to give me some 17 extra slides that you didn't have? 18 MR. LEDLIE: Yes. 19 THE COURT: That's fine. That's fine. Okay. 20 MR. LEDLIE: Any questions that Your Honor has 21 for the plaintiffs? 22 I've tried not to be pesky THE COURT: No. 23 I mean, look, both sides have done an exhaustive today. 24 thorough presentation of your respective positions and I 25 admire both sides for the comprehensive presentations.

it's because they were so comprehensive that I have not 1 2 that many questions. 3 MR. LEDLIE: Understood, Your Honor. THE COURT: You've loaded me up with a lot. All 4 5 right. Are you finished now? 6 MR. LEDLIE: Yes, Your Honor. THE COURT: Okay. What I'd like to do is --7 8 does KBR want to have a brief rebuttal, very brief? No. 9 Not now. Just answer yes or no. 10 MR. MATTHEWS: No. THE COURT: No. Okay. Well, if that's the 11 12 case -- because I was going to say if you wanted to have 13 ten minutes of rebuttal, I'd give it to you. But we have to take a break first. But fine with me. 14 15 MR. MATTHEWS: Your Honor, all I was going to 16 say was that we think there are a number of things that 17 we'd like to address and clarify, but we think that the ten-page submission is sufficient. 18 19 THE COURT: All right. Or you could just give them the famous answer of General Anthony McAuliffe when 20 21 asked to surrender at the battle of the bulge. Nuts. 22 MR. MATTHEWS: As tempting as that is --23 MR. LEDLIE: Plaintiffs adopt that, Your Honor. 24 MR. MATTHEWS: I did, Your Honor, if I can -- if 25 you'll indulge me just to express on behalf of the KBR

team here our appreciation for the extraordinary amount of 1 2 time and dedication that has been given to this matter. The court's questions reflected an obvious comprehension 3 of the issues and the fact as we all -- all litigants 4 5 appreciate that the bench was paying attention and we very much do appreciate that and --6 THE COURT: As I said, don't assume anything 7 8 about my views from my questions. I'm just trying --9 MR. MATTHEWS: I don't. 10 THE COURT: -- to get clarification about 11 I think this is the last time you all are going 12 to be in front of me. Am I correct? 13 MR. LEDLIE: We hope not, Your Honor. 14 THE COURT: Well, at least for a while. 15 just wanted to say no MDL is a fun case that judges look 16 forward to and they're all very lengthy and complicated 17 and I've told them don't you ever send me one of these 18 cases again because not at my age do I want to take on a 19 new MDL. Hopefully, I can survive and outlive this MDL. 20 But no. It's been a pleasure to preside over 21 this case. The lawyering has been extraordinary. 22 appreciate all that. While I've said you weren't always 23 good in the sandbox, you've been very professional and 24 done a great job advocating for your clients. So I really 25 appreciate it all.

1 Thank you, Your Honor. MR. MATTHEWS: 2 THE COURT: And now I have to take this matter 3 under advisement. I look forward to your brief memos. 4 Yes? 5 MR. BAKER: I apologize, Your Honor. One final housekeeping matter and this will take thirty seconds. 6 Friday, we handed up an exhibit list and a box of 7 8 documents. We were doing some QC over the weekend and we 9 discovered that the box wasn't exactly correct. So we've 10 culled back the box already. We have a new box for the 11 clerk and we have a new list and a --12 THE COURT: Just make sure that KBR knows what 13 you're substituting. 14 MR. BAKER: We have given KBR our exhibit list 15 and our --THE COURT: All right. That's fine. I assume 16 17 they would have been screaming if they didn't like what 18 you did. All right. Well, we now have the correct 19 exhibits and my law clerk and I have a lot of work to do 20 and so pray for us. 21 MR. LEDLIE: One last point, Your Honor. 22 owe you a couple of slides and we'll get them very 23 shortly. 24 THE COURT: And I've not been up here getting 25 distracted taking copious notes because I'm getting the

transcript of this. So every single citation you've given me I will have chiseled in granite that Ms Bankins will give me when she gets to it. But again I appreciate very much your doing this and we can get out of here before this place gets hit with a blizzard. All right. Well, thank you very much, counsel. (Proceedings concluded.) 

1 CERTIFICATE OF REPORTER 2 I, Lisa K. Bankins, an Official Court Reporter 3 for the United States District Court for the District of 4 5 Maryland, do hereby certify that I reported, by machine shorthand, in my official capacity, the proceedings had 6 and testimony adduced upon the hearing in the case of the 7 8 In Re: KBR, Inc., Burn Pit Litigation, Civil Action Number 9 RWT-09-md-2083, in said court on the 13th day of March, 10 2017. 11 I further certify that the foregoing 198 pages 12 constitute the official transcript of said proceedings, as 13 taken from my machine shorthand notes, together with the 14 backup tape of said proceedings to the best of my ability. 15 In witness whereof, I have hereto subscribed my 16 name, this 16th day of March, 2017. 17 18 19 Lisa K. Bankins 20 Lisa K. Bankins Official Court Reporter 21 22 23 24 25

```
MR. BAKER: 8[0] 107(40197/10) 122-4 [1] 40/2 3725 [1] 6/19 40/2 3725 [1] 6/19 43/15 43/18 51/4 51/7 51/15 51/17 62/23 MR. LEDLIE: [60] 11/2 11/10 13 [5] 1/5 42/7 182/20 142 4 [1] 2/5 3725 [1] 6/19 45/10 3814 [1] 6/19
                                                           13 [5]
190/10
  MR. LEDLIE: [60] 11/2 11/1 12/1 12/3 12/8 12/20 102/11
                                     11/2 11/18
                                                                                                                     40 [1]
41 [3]
42 [1]
                                                                                                                                     174/10
                                                          130 [1] 44/2

131 [2] 6/11 45/12

132 [1] 182/20

133 [2] 40/6 56/23

136 [1] 182/21

139 [7] 103/2 141/2 141/20

142/24 151/2 154/3 154/15
                                                                                                                                     129/16 130/1 191/18
  105/6 105/10 106/22 107/1
                                                                                                                                     131/8
  111/11 119/18 123/1 123/12
128/11 128/15 137/2 139/7
140/21 143/20 143/24 144/5
                                                                                                                                    [1] 39/13
134/22 190/20
                                                                                                                      42-ōdd
                                                                                                                           [2]
[1]
[1]
                                                                                                                      43
                                                                                                                                     54/15
  140/21 143/20 143/24 144/3
145/5 147/5 150/11 152/14
152/24 153/2 153/5 155/13
155/22 156/2 156/5 160/8
160/10 160/16 160/19 160/23
161/3 161/6 162/16 164/24
                                                                                                                      44
                                                                            103/2 141/2 141/20
                                                                                                                      46
                                                                                                                                     191/1
                                                                                                                      48
                                                                                                                                     35/19
                                                           139-9 [1] 42/7
13th [1] 199/9
14 [5] 2/4 4/23 40/2 54/21
128/22
                                                                                                                     50 [1]
52 [2]
54 [4]
192/12
56 [1]
57 [1]
577 [3]
58 [1]
59 [8]
                                                                                                                                     136/9
  187/12 188/18 188/20 188/23
                                                                                                                                     59/16 177/15
  192/10 192/13 193/11 193/22
194/6 194/10 194/17 194/19
195/2 195/5 195/22 196/12
                                                           14-month [1] 1
14.2 [1] 152/8
                                                                                     102/23
                                                                                                                                     152/13 192/10 192/11
                                                          14.2 [1] 152/8

14.2 [1] 152/8

144 [7] 50/3 50/10 51/2 51/4

51/5 51/6 52/12

145 [5] 50/3 51/4 51/6 52/4

52/12
                                                                                                                                     17/10
  197/20
                                                                                                                                     191/1
  MR. MATTHEWS: [15] 3/2 3/6 8/9 13/4 13/8 14/9 63/7
                                                                                                                                       54/24 54/24 76/5
                                                                                                                                     38/3
  63/21 86/6 195/9 195/14
                                                           148 [1]
15 [6]
                                                                            4/23
                                                                                                                                     5/3 54/21 55/3 55/16
  195/21 195/23 196/8 196/25
                                                            15 [6] 43/9 43/17 143/23
190/13 190/15 191/15
                                                                                                                       146/9 151/3 161/14 191/1
  MR. RAZI: [1] 98/13
MR. RUSSELL: [18] 14/1
14/16 33/16 34/10 34/12
                                                           15-minute [1] 159 [1] 52/6
                                                                                                                      6
                                                                                       86/14
                                                          159 [1]
16 [4]
190/8
                                                                                                                     <u>60</u> [1]
                                                                                                                                     190/10
  86/11 86/14 86/18 86/21
                                                                                                                     60 [1] 190/10

60 miles [1] 136/10

60-plus [1] 18/11

6017 [2] 191/13 191/18

61 [1] 190/10

63 [1] 2/6

6500 [1] 1/20

653 [1] 57/10
                                                                          7/13 103/2 103/3
  91/23 92/2 92/8 93/1 95/15
95/18 98/10 123/5 123/9
                                                           164 [1]
                                                                            121/24
  MS. KIES: [3]
                               3/17 3/19
                                                          16th [1]
17 [1]
18 [1]
19 [5]
                                                                             199/16
  4/12
                                                                          131/8
  THE COURT: [105] 3/1 3/4 3/16 3/18 4/10 8/8 9/18 11/10 11/23 12/2 12/5 12/10
                                                                          45/10
8/3 67/9 83/12 190/20
                                                             191/1
  13/6 14/8 14/15 33/9 34/9
                                                           198 [1] 199/11
  34/11 34/14 43/13 43/17 51/3 51/6 51/13 51/16 62/22 62/24
                                                                                                                     70 [2] 104/8 178
700-plus [1] 9/9
715-9 [1] 29/11
76 [1] 161/14
78 [1] 152/13
                                                                                                                                  104/8 178/3
                                                                                                                                                9/9
  63/18 86/5 86/8 86/12 86/15
                                                           20 [7] 9/10 9/11 9/11 44/20 83/11 104/9 190/17
  86/20 91/21 91/24 92/3 92/24
  95/13 95/16 98/9 98/12 102/9
104/24 105/7 106/14 106/24
111/3 119/13 122/24 123/3
                                                          2000 [1]
2001 [1]
2002 [1]
                                                                              150/21
                                                                              44/12
                                                                              57/16
35/7 35/12 44/13
                                                                                                                      8
  123/8 123/10 128/9 128/13
136/23 139/4 140/15 143/18
143/21 144/2 144/24 145/4
                                                          2003 [9] 35/7 35/12 44/13 52/12 54/21 62/14 111/19 128/22 173/6 2004 [10] 111/19 128/25
                                                                                                                     8.8 [1]
800 [2]
                                                                                                                                       56/7
                                                                                                                                       58/10 58/10
                                                                                                                                         1] 18/11
104/21
  147/4 150/9 152/11 152/22
                                                                                                                     800-plus [1]
                                                                                                                     81-9 [1] 104/21
85 [2] 36/7 67/8
85-22 [1] 104/21
86 [2] 2/7 67/8
88-1 [1] 67/9
89 [1] 141/16
  152/25 153/4 155/12 155/17
155/25 156/4 160/6 160/9
160/14 160/17 160/21 160/24
                                                            129/16 130/1 146/10 147/2
147/6 147/22 151/4 173/7
2005 [5] 36/18 36/24 47/3
                                                           2005 [5] 36/1 191/15 191/19
  161/4 162/14 164/22 187/10
  188/16 188/19 188/22 192/9
192/11 193/8 193/18 194/5
194/8 194/15 194/18 194/21
                                                                             57/19 130/11 130/12
                                                           2006 [6]
                                                          151/9 152/2 152/7
2008 [3] 37/17 70/4 154/4
2009 [5] 57/16 57/17 57/20
  195/3 195/6 195/10 195/18
                                                                             57/16 57/17 57/20
                                                                                                                     98 [1] 2/8
9:00 [1] 1/6
9th [1] 36/7
  196/6 196/9 196/13 197/1
                                                             111/14 181/21
  197/11 197/15 197/23
                                                           2010 [4]
                                                                             5/2 35/8 37/21
                                                          2016 [1]
2017 [3]
20770 [1]
2083 [2]
                                                                              27/17
1,000 [1]
1.1.1 [1]
1.1.2 [1]
1.4 [1]
                      99/6
                                                                              1/5 199/10 199/16
                                                                                                                      a.m [1]
                                                                                                                                       1/6
                      142/8
                                                                                1/20
                                                                                                                     abandon [1] 6
abandoned [2]
                                                                                                                                              68/24
1 70/2 100/9
                      141/18
                                                                              1/3 199/9
                  149/4
                                                           22 [3]
23 [1]
24 [4]
63/13
                                                                          67/8 104/21 191/1
                                                                                                                     ability [13] 29/9 35/17
36/10 41/9 41/22 67/16 120/5
124/5 140/24 159/3 159/10
176/17 199/14
וֹס ֹ [וֹזַיֹ]
  0 [11] 6/1 50/11 50/19 51/3 51/9 51/16 51/17 54/22 55/3
                                                                           44/21 45/2 63/13
  131/8 182/20
        [3]
[1]
                  39/5 125/2 174/10
 101
                                                                 [3]
[2]
[2]
[3]
                                                           25
                                                                           58/7 67/8 94/11
                                                                                                                      able [1]
102
                  2/9
                                                                                                                                        184/6
                                                           26
                                                                           45/10 191/1
                                                                                                                     about [125] 8/14 8/18 9/21
10/16 11/12 28/10 29/2 32/25
34/24 36/20 36/25 37/1 37/2
108 [1]
109 [1]
11 [4]
                  8/3
                                                                          190/17 190/20
                                                           27
                 8/3
                                                                           41/24 190/17 190/20
41/25 57/9 190/22
                                                           28
                4/23 104/9 182/21
                                                           29
  19\bar{0}/\bar{1}1
                                                                                                                        37/14 37/25 38/4 38/11 38/15
                                                                                                                       38/18 39/21 40/3 40/4 40/23
41/8 42/8 42/15 43/9 45/11
111 [1]
114 [1]
                 7/12
114
                 193/4
                                                           30 [5]
190/20
32 [2]
33 [1]
11:25 [1] 86/17

12 [8] 5/25 17/6 17/7 45/10

| 73/18 86/1 190/2 190/2
                                                                           43/7 50/7 63/18 94/12
                                                                                                                       47/10 47/11 48/1 48/11 48/21
                                                                                                                       48/23 49/18 50/12 50/13 51/9
                                                                           189/9 190/10
                                                                                                                       51/9 51/11 54/6 54/11 55/13
55/24 57/20 58/7 59/4 59/10
                                                                           190/10
120 [1]
                 40/12
```

87/15 87/20 87/25 88/3 88/6 **afternoon [3]** 73/24 73/24 \_90/6\_102/7\_142/21\_151/18 T15**5**/000Unite:n248069/811ed903622/1aga Haqe5301601@35/6\_16/17 about Cast 75 005 420 58 25 FW 60/19 61/1 63/15 67/11 67/2W 17/14 19/25 21/2 22/4 23/17 24/1 24/5 26/2 26/6 26/9 28/17 28/25 29/14 29/25 32/4 32/19 34/8 38/5 39/18 40/16 170/4 177/7 182/25 187/18 67/23 68/1 68/10 68/25 69/14 187/25 188/11 70/7 72/7 73/19 77/24 78/5 78/8 78/9 80/17 81/17 82/2 82/24 82/25 84/11 91/10 95/5 activity [5] 91/13 167/1 167/24 168/11 189/4 actors [1] 91/8 actual [9] 28/15 46/11 71/7 91/23 136/3 145/15 164/12 169/13 169/14 40/17 42/8 43/14 44/9 44/24 45/5 51/9 51/15 52/5 53/10 55/4 56/7 56/16 57/10 59/13 59/17 59/22 60/15 61/5 65/11 97/25 99/4 100/5 100/6 100/21 102/16 102/17 104/3 105/6 106/18 108/9 108/13 109/3 109/8 110/8 112/5 59/17 59/22 60/15 61/5 65/11 66/10 67/9 71/11 71/18 71/19 71/19 74/23 76/12 82/6 87/24 90/25 108/3 108/23 110/23 111/6 113/9 130/13 141/5 147/17 149/4 150/19 151/9 152/20 154/17 156/6 168/14 186/7 186/8 187/18 187/24 actually [32] 38/10 43/4 43/21 48/7 49/8 53/8 55/2 57/18 58/19 60/17 63/14 66/18 67/7 74/4 101/4 107/5 108/6 118/19 124/7 134/25 109/5 109/6 110/6 112/5 113/12 113/13 113/15 114/13 115/2 118/20 123/12 129/18 130/8 132/16 133/1 134/2 139/12 140/10 141/18 144/10 148/9 148/10 150/15 154/19 135/22 149/14 166/15 167/2 158/1 169/14 170/5 177/14 168/8 168/14 168/25 169/9 170/14 184/18 188/7 193/25 186/7 186/8 187/18 187/24 196/18 198/4 179/15 183/13 183/25 186/19 187/7 187/15 188/13 191/22 addition [2] 4 additional [4] 4/2 21/25 against [5] 29/5 29/6 29/7 196/8 196/10 6/10 47/22 38/4 94/14 **abrogate** [1] 140/24 **absence** [6] 10/24 84/13 95/22 161/8 164/6 169/25 age [1] 196/18 agencies [1] 94/13 agency [8] 42/10 50/7 50/24 52/6 89/7 102/15 103/25 71/22 157/8 address [12] 13/14 31/23 31/24 45/23 63/25 64/19 90/25 178/10 179/14 188/16 **absolutely [15]** 7/15 68/11 74/8 82/7 86/15 105/7 111/14 189/1 195/17 addressed [9] 27/24 68/6 74/21 78/16 79/13 82/2 93/24 182/8 112/24 113/3 119/8 128/6 128/16 155/23 162/23 183/10 **abu** [3] 168/2 168/4 168/8 Agency's [1] 42/11 ago [5] 17/21 18/16 33/2 33/4 99/23 Abu [3] accept [6] 8/18 11/8 11/21 12/23 13/3 33/24 accepted [5] 24/8 33/24 98/2 155/7 162/1 121/23 192/3 addresses [2] 42/8 62/25 addresses [2] 199/7 adequately [2] 160/7 178/1 adhere [8] 131/20 134/8 134/16 143/18 145/18 146/19 150/4 174/8 **agree [7]** 12/24 116/2 120/3 123/11 172/5 172/15 172/22 **agreed [18]** 44/18 76/21 112/19 113/5 115/23 127/17 access [1] 84/25 accident [2] 18/24 184/6 accommodate [1] 183/14 accomplish [2] 40/21 59/21 accomplished [3] 112/15 131/1 131/9 132/8 133/3 134/9 145/19 148/25 156/10 172/18 185/7 186/25 187/1 adhered [5] 112/10 131/7 133/10 133/24 112/10 126/20 **agreement [1]** 162/1 **agrees [8]** 53/9 131/4 185/5 185/12 185/16 186/1 186/23 adjacent [2] 46/19 58/10 adjudicate [2] 81/22 81/23 adjust [2] 154/7 154/8 118/24 171/20 accordance [6] 99/2 129/10 141/25 149/2 151/28 151/22 99/2 129/10 187/3 administered [1] 142/15 administration [5] 126/1 140/1 159/16 177/9 182/1 ahead [2] 30/16 160/18 air [3] 77/15 84/2 112/14 according [4] 29/22 49/21 49/22 90/8 126/12 Airport [1] 35/12 Ai [9] 27/17 27/19 28/3 28/12 168/2 176/6 177/4 | 49/22 90/8 | accordingly [1] 38/25 | accountability [1] 182/12 | accountable [1] 143/5 | accurate [2] 129/4 129/25 | accused [1] 98/22 | achievable [1] 130/23 | achieve [2] 41/15 146/4 | achieving [1] 110/9 | acknowledge [1] 63/1 | acknowledged [1] 93/16 | ACL [3] 42/16 46/18 47/23 **administrative [10]** 7/21 45/23 46/2 46/5 49/10 50/14 28/12 168/2 176/6 1///4 178/12 178/18 alerted [1] 122/18 aligns [3] 41/11 64/21 65/3 all [154] 3/9 4/8 5/18 6/7 8/9 9/12 13/7 14/14 15/6 19/13 19/14 20/21 23/8 24/24 25/1 25/7 27/18 28/5 33/6 33/13 34/2 34/10 34/15 36/5 36/12 39/12 41/9 46/10 46/13 96/2 125/3 134/11 148/21 administrators [1] admire [1] 194/25 administrators [1] 50/15 admire [1] 194/25 admit [2] 68/7 127/6 admits [5] 128/6 128/24 131/24 184/25 186/4 admitted [1] 100/15 admonition [1] 9/11 adopt [1] 195/23 adopted [9] 28/22 29/23 30/10 31/10 34/1 57/22 66/5 87/5 93/20 ACL [3] 42/16 46/18 47/23 ACLS [3] 47/17 53/17 62/17 ACO [14] 7/21 7/22 113/15 125/6 126/16 133/19 134/15 150/7 151/23 152/1 153/7 42/16 46/18 47/23 47/17 53/17 62/17 7/21 7/22 113/15 36/12 39/12 41/9 46/10 46/13 49/2 51/11 51/19 52/13 53/11 54/14 54/14 60/20 62/9 64/10 87/5 93/20 65/17 66/1 66/21 67/9 67/17 advancing [2] 140/3 140/3 advised [3] 115/20 115/22 115/23 71/14 71/25 74/25 75/24 77/3 153/12 158/18 182/3 **ACOS** [4] 51/9 60/16 84/6 190/24 78/15 78/25 81/1 83/1 83/15 83/23 84/12 84/18 85/20 advisement [1] 197/3 advocates [2] 49/18 62/4 acquire [1] 109/20 acquired [1] 147/25 acquisition [6] 76/24 103/13 103/15 103/20 174/7 178/5 acronyms [1] 76/23 across [6] 18/15 84/21 100/25 157/19 186/12 186/12 85/23 86/16 88/9 88/9 88/10 90/23 93/8 93/9 93/18 98/13 99/14 99/15 99/18 99/19 99/21 100/3 100/4 100/6 advocates [2] 49/16 62/4 advocating [1] 196/24 AFARS [1] 118/17 AFEBS [2] 51/24 52/2 affairs [1] 137/16 affect [4] 32/20 42/3 57/24 100/6 100/9 100/20 101/2 101/6 101/25 102/10 102/10 104/7 105/12 106/20 107/8 107/19 108/13 111/8 112/6 across-the-board [1] act [2] 102/8 125/8 100/25 **affecting [3]** 16/16 92/16 113/12 114/2 114/11 118/17 120/6 120/10 120/25 122/25 act [2] 102/8 125/8 acted [3] 24/9 63/20 99/2 acting [2] 72/7 83/18 action [6] 38/20 45/16 52, 78/15 179/8 199/8 92/16 123/21 126/24 127/11 128/23 129/10 130/15 134/3 136/7 affirmative [1] 17/18 72/7 83/18 38/20 45/16 52/20 afford [1] 53/8 afforded [2] 11/6 146/3 Afghanistan [12] 39/25 44/12 48/10 56/16 56/21 57/1 57/3 57/11 57/13 61/23 78/3 127/1 139/6 139/7 141/24 143/7 148/3 148/17 148/23 149/2 149/5 149/6 150/11 154/6 156/21 157/19 157/19 157/19 actions [2] active [3] 48/6 84/21 84/22 97/23 186/16 **after [12]** 10/21 10/21 13/18 44/1 62/14 85/23 86/13 89/11 160/13 161/14 161/18 164/11 actively [1] 162/11 activities [25] 13/22 14/3 16/15 30/13 32/12 86/23 164/15 166/6 169/2 169/3 107/4 118/6 128/25 130/12 186/21 189/19 189/25 192/23

```
167/9 179/10 179/13 185/25 applying [4] 25/6 30/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 193/16 
195/4 195/15 195/19 196/4
196/4 196/11 196/16 196/22
196/25 197/16 197/18 198/6
allegation [14] 20/2 20/3
20/4 24/5 24/7 24/11 26/6
                                                                                                           106/2 112/23 135/5 137/20
                                                                                                                                                                                                                 196/22 196/25 198/4
                                                                                                                                                                                                              appreciation [1] 196/1
approach [3] 14/15 43/4
                                                                                                          137/23 139/16 178/23 179/17
181/7 195/9 195/20
                                                                                                       answered [6] 4/25 5/9 6/5 7/15 30/18 74/16
                                                                                                                                                                                                                  101/21
    26/9 70/5 70/10 71/1 71/4
83/21 89/3
                                                                                                                                                                                                               appropriate [4] 79/11 96/3
                                                                                                        answering [4] 138/3 166/21 167/4 182/9
                                                                                                                                                                                                              147/1 157/15
approval [2]
approve [1]
approved [2]
                                                                                                                                                                                                                                                             113/15 168/10
 allegations [14] 8/19 11/9 11/21 12/23 13/4 27/21 27/22 28/1 29/1 34/2 83/25 85/5
                                                                                                       Anthony [1] 195/20
anti [1] 125/7
                                                                                                                                                                                                                                                          96/17
                                                                                                                                                                                                                                                              6/17 152/10
                                                                                                                                                                                                             approved [2] 36/1
aptitude [1] 36/
arbiter [1] 17/2
                                                                                                        anti-deficiency [1]
                                                                                                                                                                                                                                                                 168/13
                                                                                                      anti-deficiency [1] 125//
anticipated [1] 122/22
any [91] 4/21 4/24 6/25 7/10
7/13 10/6 10/8 11/6 16/19
17/24 18/10 18/19 20/21
34/24 39/14 39/14 54/1 54/2
54/8 56/25 57/18 58/19 58/20
60/4 62/21 75/6 80/22 85/3
86/5 89/16 96/6 96/7 97/16
98/7 98/9 103/13 104/10
     178/23 179/10
                                                                                                                                                                  1\overline{2}2/\overline{2}
alleged [2] 72/
                                                                                                                                                                                                                                                              36/10
                                            72/10 178/23
                                                                                                                                                                                                               arbitrated [1] 81/10
allegedly [1] 73/5
allow [7] 101/11 101/25
115/6 115/8 115/10 163/15
                                                                                                                                                                                                             are [211]
area [5] 111/21 147/4 147/14
149/23 162/13
areas [7] 56/25 147/12 162/7
162/7 178/25 185/3 188/25
aren't [3] 151/7 162/16
                                                                                                                                                                                                                                                111/21 147/4 147/14
    179/8
allowed [11] 31/8 83/11 94/15 121/2 121/5 126/17 145/10 177/22 178/24 179/6
                                                                                                           104/11 104/17 104/25 105/5
                                                                                                                                                                                                                 187/8
    187/8
                                                                                                          107/9 108/8 112/13 113/1
114/9 114/12 118/2 127/15
127/23 128/8 128/18 128/25
                                                                                                                                                                                                              arena [2]
argue [2]
argued [1]
                                                                                                                                                                                                                                                   87/12 97/5
85/19 89/19
allowing [2] 14/22 96/22
allows [1] 148/19
alluded [5] 38/10 88/14
91/16 92/13 93/5
                                                                                                                                                                                                                                                       31/14
                                                                                                                                                                                                              argument [34] 2/4 2/5 2/6
2/7 2/8 2/9 3/12 3/22 11/20
13/8 22/11 22/13 22/22 23/10
                                                                                                           129/20 132/8 132/24 133/19
138/4 140/4 147/23 148/15
 almost [4] 78/4 83/14 84/22
                                                                                                          138/4 140/4 147/23 148/15
148/19 153/17 157/8 157/16
157/18 158/1 159/5 159/5
159/7 160/1 160/6 161/3
164/22 169/12 174/18 175/25
176/14 176/17 179/12 182/1
184/5 184/21 185/20 185/21
187/4 188/13 188/15 189/8
     114/11
                                                                                                                                                                                                                 23/11 23/16 46/1 48/18 61/1
74/18 74/22 79/9 86/23 87/2
                                                                                                                                                                                                                                                                                              61/19
                                  23/13 73/16 86/1
 alone [4]
    94/11
                                                                                                                                                                                                                  89/16 89/17 89/23 91/5 93/21
along [3] 43/13 76/17 76/20
alphabet [1] 150/11
already [18] 37/16 44/14
45/19 46/4 47/8 48/2 59/22
63/11 71/18 76/9 88/25 91/5
93/25 123/9 176/16 178/14
187/1 197/10
                                                                                                                                                                                                                  93/25 101/2 101/3 101/8
                                                                                                                                                                                                                  139/6
                                                                                                                                                                                                              arguments [10] 15/4 22/8 26/24 31/12 64/9 86/11 88/24
                                                                                                                                                                                                                                                                  15/4 22/8
                                                                                                           193/1 194/20
                                                                                                        anybody [4] 5 176/11 184/23
                                                                                                                                                                                                                 100/10 100/11 100/11
                                                                                                                                                   54/2 86/10
                                                                                                                                                                                                              arise [1] 15/12
arises [3] 15/19 17/6 44/15
                                                                                                       anymore [1] 166/3
anyone [2] 132/19 184/18
anything [28] 9/9 10/16
10/24 11/1 58/3 63/11 82/24
95/6 112/1 113/13 118/3
129/24 132/7 132/9 133/16
 also [49] 5/22 7/24 8/1 10/3 19/5 19/23 28/1 34/4 35/13
                                                                                                                                                                                                              arising [1] 30/14
arm [12] 102/18 104/20
105/14 105/15 105/18 119/5
119/12 128/1 129/15 171/14
    37/16 37/20 37/24 45/9 45/10
47/15 49/16 57/7 57/13 57/17
58/24 59/10 63/20 65/2 66/3
                                                                                                                                                                                                                  180/13 190/19
    77/5 77/24 81/16 84/24 96/16 100/15 105/19 120/5 128/10 130/20 141/24 142/14 157/13
                                                                                                                                                                                                              armor [1] 150/13
army [30] 29/11 29/13 36/22
41/20 66/21 67/16 79/14 93/7
                                                                                                          138/1 139/7 147/24 156/24
159/8 160/12 181/15 182/4
186/3 187/11 188/8 188/15
    168/10 175/6 181/4 183/2
183/6 183/25 190/2 191/12
191/21 191/23 194/11 194/13
                                                                                                                                                                                                                 11/20 60/21 67/16 79/14 93/
11/2/14 133/12 133/13 142/1
144/21 146/14 146/19 147/7
148/11 148/23 149/2 149/9
149/12 149/19 149/23 149/25
150/3 150/23 151/15 161/18
                                                                                                           196/7
                                                                                                       anyway [1] 109/9
anywhere [4] 111/3 111/9
126/14 156/4
apart [5] 17/18 27/22 90/6
90/16 136/11
alternate [1] 46/20
alternative [2] 26/23 71/8
although [6] 4/17 64/12
64/15 73/23 177/8 178/11
always [4] 3/3 59/20 149/11
                                                                                                                                                                                                              163/16 193/4
army's [4] 14
149/15 149/22
                                                                                                      apologies [1] 7/1
apologies [2] 86/8 197/5
apparently [2] 9/16 194/11
APPEARANCES [1] 1/10
appears [1] 70/2
appellate [1] 79/25
Appendix [1] 52/3
applicable [8] 13/19 17/5
19/3 19/4 24/17 51/10 91/12
110/11
application [2] 90/13 90/19
                                                                                                                                                                                                                                                       148/2 149/7
    196/22
                                                                                                                                                                                                              arose [1] 18/25
around [6] 48/24 4
97/24 102/5 144/12
arrangement [2] 16
am [6] 109/7 111/10
143/21 150/13 196/12
                           109/7 111/10 120/10
                                                                                                                                                                                                                                                     48/24 49/5 85/16
AMC [2] 105/21 108/15
among [5] 65/22 171/25
190/15 191/19 193/21
                                                                                                                                                                                                                                                                      165/17
                                                                                                                                                                                                                 189/\bar{2}2
amount [3] 14/18 177/1 196/1
amounts [1] 12/16
analyses [1] 38/7
analysis [29] 22/21 24/20
24/23 27/7 27/12 31/18 36/4
39/4 39/12 39/15 40/7 41/23
                                                                                                                                                                                                               arrangements [1]
                                                                                                                                                                                                                                                                          174/2
                                                                                                                                                                                                             arrived [1] 35/11
arriving [1] 35/20
art [2] 92/10 92/19
                                                                                                       application [2] 90/13 90/19
applied [28] 15/16 15/20
16/13 19/18 20/1 24/4 28/19
28/23 30/10 56/15 61/3 62/19
107/15 107/19 117/8 125/1
                                                                                                                                                                                                              art [2]
as [275]
                                                                                                                                                                                                              ascertainable [1] 1
ash [2] 47/4 153/16
                                                                                                                                                                                                                                                                              157/23
                                                                                                                                                                                                            ash [2] 47/4 153/16

aside [1] 153/20

ask [10] 49/17 109/10 111/4

112/13 118/3 118/22 137/20

161/22 172/10 173/2

asked [39] 4/24 5/7 6/1 6/5

6/13 7/13 11/13 12/12 15/6
    42/2 45/4 61/1 61/5 65/17
42/2 45/4 61/1 61/5 65/17

85/8 94/5 94/24 118/7 138/9

151/6 170/4 170/12 170/13

179/3 185/23 186/22

analyzing [1] 140/17

anew [1] 53/17

animal [2] 29/1 47/4

another [26] 5/10 7/20 9/1

24/1 24/2 26/2 26/3 33/6

55/11 67/19 68/6 81/8 89/17
                                                                                                           126/19 127/8 142/1 148/12
                                                                                                          151/2 152/22 154/25 155/12
155/13 155/14 155/17 157/4
applies [5] 57/6 57/11 57/12
                                                                                                        applies [5]
151/19 179/4
                                                                                                        apply [20] 13/25 20/21 32/3 56/24 57/1 57/2 57/3 57/8
                                                                                                                                                                                                                 35/21 43/25 44/6 54/5 68/9
68/12 74/6 104/10 105/21
                                                                                                                                                                                                                 107/8 107/17 108/4 108/23
109/4 109/22 112/20 117/2
                                                                                                           64/6 68/14 91/21 93/18 93/19
                                                                                                           107/17 113/8 124/16 134/24
    112/10 125/8 126/7 130/25
139/20 139/25 141/1 165/4
                                                                                                           154/8 178/24 179/12
                                                                                                                                                                                                                  117/16 121/22 129/18 135/1
```

```
asked.cas[9]b:0169/1490178/3.RWT33D303171601 480 Filed 03/22/181/3 183/4 195/21 asking [4] 31/8 67/2
                                                                                                                                                                   138/6 164/2 186/12
                                                                                                                                                              batteries [2] 132/25 133/20

battlag@320399f23b49/7 195/21

battlefield [32] 15/21 16/14

18/10 19/8 20/9 26/5 27/25

28/19 30/4 41/5 71/16 79/23

81/14 83/19 87/10 87/11 90/4
                                                                                award [5] 50/12 50/23 51/23 78/23 78/23 78/23 aware [14] 6/25 7/9 7/13 15/18 17/5 18/24 37/10 40/9 95/11 107/22 157/9 183/11 183/12 183/24 away [6] 32/16 58/4 59/1
 asking [4] 31/8 87/24 101/12 139/12
aspect [1] 73/22
aspects [2] 53/21 90/23
assert [1] 72/20
asserted [3] 69/4 135/11
                                                                                                                                                                81/14 83/19 8//10 8//11 90/4

95/3 97/25 105/5 105/14

106/16 115/16 116/3 117/9

118/13 144/22 145/13 149/12

155/21 170/21 171/12

battlefields [1] 87/14

battles [1] 149/11

be [199] 3/4 4/9 4/12 5/17

9/13 11/12 13/12 13/13 13/19

14/1 14/14 15/6 17/24 18/6
                                                                                away [6] 32/16 58/4 59/1 76/14 84/15 116/24 aways [2] 15/8 18/21 awful [1] 81/15
   179/1
assess [3] 25/13 25/22 77/6
assessed [2] 75/22 77/16
assessment [1] 140/19
assessments [2] 77/6 77/12
assigned [10] 4/20 107/20
135/22 143/11 158/8 166/12
167/2 168/7 173/20 180/8
                                                                                                                                                                  9/15 11/12 15/12 15/15 15/19
14/1 14/14 15/6 17/24 18/6
20/15 20/15 20/16 21/14
21/21 27/5 27/6 28/23 30/15
30/16 32/8 33/20 33/22 34/1
34/23 35/21 37/19 39/2 41/10
                                                                                 back [28]
                                                                                                             3/4 22/9 26/24
                                                                                   30/8 32/19 41/3 46/12 55/23
60/10 79/10 83/1 84/18 89/22
93/14 111/19 119/16 145/1
149/9 152/16 157/8 158/23
 167/2 168/7 173/20 180/8 assist [1] 194/15
assistance [1] 66/25
associated [2] 50/6 56/14
                                                                                                                                                                  44/2 44/7 44/11 45/17 45/18
45/19 46/5 46/17 56/6 58/23
60/12 62/1 62/6 62/20 65/5
65/12 65/16 68/10 68/17 69/6
                                                                                   160/4 162/21 162/21 164/15
                                                                                179/18 188/8 197/10
background [8] 18/23 19/15
20/2 20/6 24/1 26/2 27/18
                               187/11 196/7
 assume [3]
   197/16
assurance [6] 7/17 49/6 50/14 131/18 176/22 177/10
                                                                                                                                                                  71/15 72/7 72/12 73/12 73/18
75/20 78/6 78/15 79/12 80/7
80/15 80/23 81/2 82/21 85/10
85/11 85/15 85/25 86/10
86/17 86/24 89/25 90/2 90/5
                                                                                   73/19
                                                                                backgrounds [1] 28
backup [1] 199/14
bad [1] 125/9
badge [1] 49/3
Baghdad [1] 35/11
bags [1] 48/25
Bahrain [1] 57/2
assured [1] 75/11
assuring [1] 186/3
attached [4] 40/5
                                                                                                                            28/25
                                     186/23
                                     40/5 52/2 52/3
   56/18
                                                                                                                                                                   90/9 90/16 90/20 90/20 91/8
91/14 91/14 92/6 92/18 94/20
94/23 95/11 96/9 97/12 97/21
99/23 102/8 103/9 103/12
attack [1] 162/19
attacks [1] 82/23
attempt [1] 102/3
attempted [1] 71/8
attention [19] 3/22 3/25
4/23 5/25 7/12 34/21 35/3
43/8 44/19 49/24 50/4 51/3
                                                                                bags [1] 48/25
Bahrain [1] 57/2
BAKER [8] 1/11 135/10 145/20
151/6 154/3 156/17 192/2
                                                                                                                                                                  105/1 105/18 106/22 108/10
108/12 109/13 112/14 112/23
113/8 114/17 116/2 118/1
118/4 118/22 118/23 119/8
                                                                                   192/4
                                                                                Balad [3] 77/19 191/16 191/17
   51/25 54/7 94/2 95/11 99/9
                                                                                                                                                                  121/8 121/20 122/23 122/24
125/7 125/11 126/15 127/25
128/18 130/17 130/17 131/13
185/22 196/5
audit [1] 159/25
auditing [1] 84/8
auditors [1] 78/6
Augmentation [1] 178/4
Augusta [4] 49/12 59/17
173/5 181/19
                                                                                balanced [1] 111/8
balancing [1] 38/4
baling [1] 191/20
banker [1] 34/19
bankers [1] 46/12
Bankins [5] 1/19 19
199/19 199/20
                                                                                                                                                                    132/9 132/12 133/6 133/22
                                                                                                                                                                   133/24 134/8 134/19 135/1
135/5 135/11 135/23 136/10
                                                                                                                   1/19 198/2 199/3
                                   49/12 59/17
                                                                                                                                                                   138/19 139/14 143/23 143/25
                                                                                                                                                                  138/19 139/14 143/23 143/25
144/13 144/24 145/2 145/15
147/1 147/4 147/7 148/12
148/13 148/25 149/13 149/13
149/14 150/7 150/25 152/4
152/10 152/22 153/3 153/7
154/25 155/7 155/19 156/7
158/21 158/21 161/19 162/14
163/4 163/12 163/12 163/14
164/6 164/8 165/10 170/10
                                                                                barred [2] 27/1 34/3
bars [1] 26/16
base [49] 25/20 25/21 42/22
45/4 45/4 45/7 45/7 46/21
46/22 47/3 47/13 47/14 49/5
 authoritative [2] 163/9
   167/5
 authorities [2] 117/14
   119/23
 authority [59] 30/14 30/20 31/2 31/5 31/16 54/3 92/7 93/13 96/23 104/17 118/11
                                                                                   56/22 67/20 67/24 68/3 71/10
                                                                                   75/7 77/11 82/19 84/5 91/22 91/23 92/1 111/22 125/24
                                                                                                                                 125/24
   121/9 121/10 121/11 121/14
                                                                                   136/24 136/25 137/5 138/20
                                                                                                                                                                    164/6 164/8 165/10 170/10
   121/15 121/22 121/23 122/14
123/16 123/17 124/3 124/4
124/22 125/5 127/19 127/19
127/21 131/4 131/4 131/6
                                                                                                                                                                    170/22 170/24 171/20 174/23
                                                                                   141/24 146/21 149/1 153/10
                                                                                                                                                                   176/6 177/14 177/20 178/23
181/25 183/11 183/24 184/6
                                                                                   153/14 154/5 155/20 157/11
157/19 162/12 162/18 162/19
                                                                                   163/8 165/18 165/23 165/23
179/5 183/5
                                                                                                                                                                    184/14 188/22 189/1 189/10
                                                                                                                                                                189/11 189/13 189/14 189/15

189/23 194/22 196/12

bear [2] 63/25 72/18

bearing [1] 58/2

bears [5] 55/23 60/2 84/19

84/24 169/20
    138/21 142/8 142/10 161/15
   161/23 165/3 167/1 167/20
168/12 169/25 170/17 170/18
171/16 172/25 177/9 179/20
                                                                                base-by-base [2] 45/4 45/7
based [22] 6/2 9/6 35/23
35/24 50/21 63/12 63/12
63/13 72/17 73/3 79/19 89/19
    179/23 180/18 180/24 181/25
179/23 180/18 180/24 181/25
182/16 185/1 185/2 185/8
185/14 186/11 189/5 190/4
authorization [19] 4/22 6/
7/1 7/11 45/11 47/14 48/18
61/18 64/17 82/3 82/5 83/7
83/13 83/18 89/2 100/25
103/21 126/14 132/24
                                                                                   99/16 141/9 158/5 171/18
171/21 181/23 181/24 181/24
                                                                                                                                                                because [112] 5/13 8/18
12/15 12/24 13/2 13/3 19/9
21/15 23/12 24/17 26/13
30/17 33/22 39/1 41/21 42/1
42/1 43/9 43/25 45/12 46/24
                                                    4/22 6/10
                                                                                   187/9 189/21
                                                                                baseless [1] 83/21
Baseline [1] 150/5
bases [22] 11/7 47/17 59/7
60/23 71/6 75/6 75/9 78/2
                                                                                                                                                                   47/16 47/20 47/23 48/4 48/9
 authorizations [4] 102/24 113/25 120/14 157/6
                                                                                                                                                                   53/11 57/11 57/17 58/21
                                                                                   78/3 78/4 82/10 82/11 97/9
                                                                                                                                                                   59/12 59/12 61/5 65/1 66/14
67/3 67/14 69/6 70/3 73/2
                                                                                   129/17 170/8 185/3 186/12
190/13 193/14 193/16 193/16
authorize [1] 96/17
authorized [22] 8/7 47/12
60/1 61/20 62/3 82/7 82/8
                                                                                                                                                                   73/10 73/21 77/1 81/12 82/6
83/1 83/5 83/20 87/11 91/10
                                                                                   194/3
                                                                                 basic [9] 18/14 19/1 19/2 20/10 22/6 24/2 24/16 25/20
   83/2 84/9 104/12 108/11
                                                                                                                                                                   91/18 91/19 92/20 96/14
101/25 102/3 102/22 103/17
   108/12 108/16 122/14 126/9
128/7 128/18 132/12 132/20
133/8 181/6 193/7
                                                                                basically [2] 192/15 193/13
basis [10] 68/20 73/16 77/16
116/21 116/25 124/18 132/3
                                                                                                                                                                   104/2 104/6 105/3 105/5
                                                                                                                                                                   106/8 108/24 109/7 111/6
 authorizing [1] 104/18 automatically [1] 118/4
                                                                                                                                                                   112/16 113/19 116/2 116/8
```

```
8/4 49/12 133/19 134/11
                                                                                  8/4 49/12 133/19 134/11

181/3

besbucument 480 Filed 03/22/bring196 204 02285 35/2

best [14] 37/8 97/8 111/21

114/21 118/23 126/4 128/2

131/20 136/12 136/15 137/17

139/4 150/7 199/14

90/20 91/12 93/22 93/23
                                                                                                                                                                        83/11 83/23 88/4 97/16
 because ase [4] b-n-1d7/202083-RW
    123/18 129/14 129/25 130/17
   132/3 132/15 136/19 137/6
137/10 140/23 142/16 143/22
144/13 152/17 155/15 157/16
                                                                                   bet [1] 3/5
better [2] 78/10 183/17
between [16] 19/7 52/23 55/5
84/7 105/14 116/12 116/13
116/20 116/21 135/19 136/19
                                                                                                                                                                      121/4 171/9 183/20
broadest [4] 75/2 75/3 75/16
    162/3 163/7 163/11 165/8
   167/23 169/2 169/8 169/17
171/10 173/25 174/16 178/15
178/22 181/19 183/18 184/16
                                                                                                                                                                     79/1
broadly [2] 57/12 58/14
broken [1] 13/14
brought [10] 17/9 17/11
69/18 83/10 85/3 85/14
130/17 141/2 163/5 168/6
Bucca [2] 49/1 49/2
buckets [1] 65/20
build [2] 46/18 58/10
bulge [1] 195/21
bulk [1] 10/5
burden [13] 17/7 17/10 17/12
63/25 73/17 85/4 85/11 86/2
86/3 94/3 94/16 169/21
187/19
                                                                                                                                                                        79/1
   187/14 195/1 195/12 196/18
                                                                                      137/4 140/17 164/17 185/6
   197/25
become [4] 63/15 112/22
126/16 173/19
becomes [2] 38/20 52/20
bedrock [1] 70/10
been [78] 9/23 12/5 12/13
15/3 18/8 18/17 19/9 19/12
19/13 19/19 29/11 36/20
                                                                                      188/14
                                                                                    beyond [3] 20/13 108/12
                                                                                      114/7
                                                                                    bifurcation [1] 61/11
                                                                                  big [1] 121/25
biggest [1] 58/3
billion [1] 193/22
billiowed [1] 84/1
bills [2] 95/14 95/17
bio [1] 191/23
   42/24 45/19 47/24 49/25
   55/25 56/12 57/4 58/6 58/16
59/17 61/14 62/6 66/5 66/25
67/10 67/18 67/19 69/18 70/8
                                                                                   bio [1] 191/20
bio-remediation [1]
Pipartisan [1] 95/17
                                                                                                                                                                        187/19
                                                                                                                                            191/23
   70/9 71/1 74/16 81/15 86/25
89/1 90/24 94/1 98/18 99/12
99/16 99/20 99/24 100/12
                                                                                                                                                                      burdensome [1]
                                                                                                                                                                     Burke [1] 150/17
burn [194] 1/4 4/20 4/22
4/24 5/2 5/5 5/24 6/11 6/25
7/8 7/10 7/14 8/8 27/9 27/14
30/8 35/8 35/20 35/21 37/8
37/12 37/19 37/21 37/22 38/1
38/19 40/18 44/4 45/12 45/13
46/19 46/19 46/20 46/22
                                                                                   bit [12] 15/25 16/1 28/24
30/16 38/17 43/5 44/11 56/11
137/7 140/21 150/14 191/3
   102/20 104/4 105/20 107/23
                                                                                    b]ack [3] 17/10 151/15
   113/12 114/5 117/2 119/20
126/24 129/14 130/3 139/4
146/10 147/15 149/8 155/16
                                                                                     154/1\bar{1}
                                                                                   blames [1] 100/19
blanket [5] 126/14
129/14 132/9 157/18
                                                                                                                      126/14 129/5
   165/6 166/2 174/19 177/21
                                                                                                                                                                        46/19 46/19 46/20 46/22
46/24 47/4 47/5 47/8 47/9
47/13 47/16 47/19 48/1 48/4
48/4 48/9 48/13 48/24 49/3
    177/22 177/22 181/21 186/19
                                                                                   blizzard [1]
board [2] 10
boards [5]
                                                                                                                        198/6
    191/7 191/25 193/4 196/2
                                                                                                                 100/25 157/19
51/21 51/22 51/23
   196/20 196/21 196/23 197/17
   197/24
                                                                                      53/6 76/24
                                                                                                                                                                         50/21 52/7 53/24 56/3 57/20
 before [39] 1/8 3/11 8/11 9/22 9/25 10/6 10/23 11/10 11/15 11/16 11/18 11/25 12/8 13/21 18/5 29/4 35/19 48/12
                                                                                   borne [1] 36/25
boss [1] 17/2
both [22] 9/6 14/22 16/1
16/23 40/8 65/23 67/21 68/20
74/13 90/22 95/17 112/19
123/7 125/9 132/6 142/6
154/13 169/24 178/12 179/18
                                                                                                                                                                        58/5 58/5 58/8 58/11 59/4
59/11 59/11 59/12 60/1 60/8
60/18 61/3 61/6 61/16 61/17
                                                                                                                                                                        61/20 61/23 62/3 62/12 62/16
    57/24 59/13 62/25 69/10
                                                                                                                                                                        64/17 64/23 64/24 65/7 65/8 68/16 70/6 70/9 71/5 75/7 76/4 77/20 77/23 80/21 82/17
   71/23 72/25 85/1 88/8 100/10
101/17 120/1 120/4 128/24
147/23 149/9 157/25 158/2
                                                                                                                                                                        83/25 84/3 88/3 88/4 88/12
89/9 92/24 93/12 95/12 96/16
97/8 100/3 101/6 103/21
104/12 104/18 104/23 105/3
                                                                                      194/23 194/25
170/2 179/16 188/12 198/5
began [3] 21/3 51/1 101/18
begin [5] 15/10 18/21 33/23
45/7 87/3
                                                                                   bottles [5] 75/23 147/5
147/20 148/7 193/22
bottling [1] 194/1
bottom [3] 21/17 52/21 96/19
bound [1] 117/13
box [8] 34/18 36/17 48/23
58/10 197/7 197/9 197/10
                                                                                                                                                                        105/12 105/23 106/7 107/19
105/10 105/23 106/7 107/19
107/21 107/24 108/7 108/16
108/19 108/25 109/4 110/24
111/3 111/6 111/17 111/23
112/1 112/6 113/13 113/25
114/2 114/25 115/2 119/17
120/20 121/3 125/11 126/10
 beginning [4] 57/25 128/22
                                      4/13 10/14
 begins [7] 38/21 45/14
48/20 53/10 53/12 53/17
                                 38/21 45/14 48/18
behalf [2] 48/10 195/25
behavior [1] 31/13
behind [1] 182/6
being [32] 30/1 42/4 46/8
47/20 48/2 48/4 58/23 59/4
                                                                                      197/10
                                                                                   boxes [2] 34/19 46/12
branch [2] 25/25 96/10
branches [6] 16/4 17/3 25/23
95/8 95/13 95/20
breach [11] 11/24 11/25
17/17 28/2 28/11 33/6 33/11
33/24 33/24 34/3 135/11
breached [1] 31/15
                                                                                                                                                                        114/2 114/23 115/2 119/1/
120/20 121/3 125/11 126/10
126/14 127/1 127/16 129/5
129/21 129/23 130/16 130/21
132/10 132/12 132/13 132/20
132/21 132/21 132/22 132/22
132/24 133/6 133/7 133/10
133/16 133/17 133/19 133/21
   59/25 63/3 63/5 74/20 75/17
77/4 81/24 87/16 98/22
114/19 117/7 122/2 129/16
                                                                                   breached [1]
breaches [1]
                                                                                                                        31/15
   130/4 133/16 139/18 141/21
                                                                                                                                                                        134/23 138/2 143/11 144/11
146/12 147/18 147/19 153/9
155/2 155/5 155/8 156/4
                                                                                                                        58/20
141/21 144/16 155/3 166/12
167/14 176/23 178/7
belabor [2] 27/10 177/23
                                                                                   breaching [1] 33/13
breadth [2] 18/18 152/18
break [7] 64/4 143/20 144/5
144/7 144/23 145/1 195/14
brief [22] 13/10 14/25 60/2
86/24 94/2 130/2 134/22
                                                                                                                                                                        155/2 153/3 153/6 150/4
156/23 156/24 157/2 157/3
157/6 157/11 158/4 158/7
158/11 158/20 162/21 167/7
167/8 168/17 177/13 184/18
185/21 187/2 187/5 187/23
belabor [2] 27/10 177/23
belaboring [1] 42/15
believe [12] 8/15 8/17 13/2
45/25 57/10 70/16 127/15
   170/2 172/23 191/4 192/6
                                                                                      139/15 174/12 174/16 174/22
   193/24
                                                                                      177/2 177/24 182/6 186/8
                                                                                                                                                                        188/4 193/15 199/8
believed [1] 7/23
believes [1] 62/18
below [1] 151/19
Ben [1] 14/6
bench [2] 188/22 196/5
benefit [7] 36/8 38/7 39/2
41/23 61/1 61/5 99/15
                                                                                   189/9 191/13 192/7 194/12
195/8 195/8 197/3
briefed [1] 15/3
briefing [3] 14/19 98/17
                                                                                                                                                                      burned [9] 35/21 58/23 59/4 65/2 65/16 68/10 68/17 132/10 133/22
                                                                                                                                                                      burning [13] 36/20 37/8
46/20 88/5 97/18 101/1
112/14 126/10 150/25 152/7
                                                                                   194/14
briefly [5]
133/3 178/10
                                                                                                                     20/7 27/17 32/23
                                                                                                                                                                        152/9 153/6 153/12
benefits [1]
BENJAMIN [1]
Bennett [8]
                                     36/13
                                                                                   bring [14] 5/6 5/9 5/12
46/11 53/20 53/22 69/21 81/6
                                                                                                                                                                     business [2] 93/
bypass [1] 185/8
                                                                                                                                                                                                           93/11 164/12
                                      1/15
                                   3/23 7/20 7/22
```

```
challenge [4] 18/12 31/22 70/21 102/1
C-133 (1) se 56/09 md-02083-RW T15/000cur9 ent 46/05 Fire 05/03 82/2/16 a 20/12 20/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/17 20/13 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/13 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/15 21/19 20/1
                                                                                                10/6 11/3 11/5 12/18 12/22
                                                                                                                                                                                            87/25 88/2 88/6 88/10 88/22
                                                                                                20/7 20/13 20/15 21/3 21/19
22/10 22/14 23/3 23/8 23/21
cab [1] 135/21
calculus [3] 36/8 37/7 39/3
California [3] 155/21 155/25
                                                                                                                                                                                         challenging [6] 23/12 32/14 72/23 85/17 90/11 90/18 chambers [1] 34/19 change [19] 23/7 41/21 45/23 46/6 53/16 53/24 54/3 60/9 60/13 71/23 78/20 93/13 124/5 151/8 154/4 154/5
                                                                                                24/2 24/17 25/6 25/16 26/1
26/3 26/6 27/9 27/17 27/20
                                                                                                27/20 28/1 28/21 28/21 28/21
29/12 29/15 31/20 32/4 32/13
 call [4] 26/15 73/20 181/15
   181/16
                                                                                                32/23 32/24 33/3 33/16 33/19
34/2 34/7 34/20 35/4 39/17
 called [7] 26/20 69/12 72/16 74/21 78/14 81/4 81/11
                                                                                                                                                                                            124/5 151/8 154/4 154/5
                                                                                                                                                                                        156/22 161/25 188/7
changed [4] 120/22 121/1
126/16 128/24
                                                                                                54/6 56/13 62/18 68/18 70/21
73/3 73/11 73/12 73/12 74/24
calling [1] 70/24
came [13] 60/6 63/2 66/16
66/19 89/14 96/20 127/17
                                                                                                81/22 81/23 84/21 84/23
85/10 89/6 90/15 92/18 94/10
                                                                                                                                                                                         changes [3] 37/15 121/1
    158/18 158/19 162/19 162/20
                                                                                                94/19 95/3 96/6 97/20 100/19
102/21 102/22 104/3 104/7
                                                                                                                                                                                        | 125/16
| changing [1] 93/11
| channel [1] 148/14
| channels [2] 92/17 131/25
| chapter [1] 174/14
| character [1] 22/1
| characterized [1] 69/7
| charge [7] 133/14 143/5
| 159/22 159/23 168/4 180/16
| 180/22
| charismatic [1] 48/22
                                                                                                                                                                                            125/16
    163/18 193/25
 camp [12] 47/2 47/5 58/5 67/24 82/19 138/20 141/24
                                                                                                109/12 110/2 112/4 112/5
                                                                                                112/7 112/11 118/6 118/6
    146/21 149/1 153/10 153/14
                                                                                                126/21 132/11 132/19 133/25
135/3 135/10 135/14 135/15
    153/18
camping [1] 144/12
can [68] 3/9 9/19 10/19
                                                                                                135/20 137/21 138/14 139/20
                                                                                               139/24 139/25 141/1 141/3
141/12 141/13 141/14 142/16
144/10 144/17 144/17 145/13
148/19 151/5 152/21 152/22
153/23 154/12 157/20 159/18
   14/15 21/14 23/1 41/14 46/5 46/10 53/8 53/9 53/17 56/16 60/9 60/25 62/22 63/20 64/9
                                                                                                                                                                                         charismatic [1] 48/22
Charlie [4] 45/2 63/13
133/18 175/9
    68/10 71/16 80/14 85/25
   86/20 90/25 92/21 98/15
99/21 103/2 104/8 105/16
105/18 107/8 112/5 116/25
                                                                                               159/15 154/12 157/20 159/18 169/1 169/23 170/7 170/7 170/16 171/13 171/21 174/12 174/13 176/6 176/7 177/20 182/19 187/7 187/14 188/5 191/5 194/2 195/12 196/15 196/21 199/7
                                                                                                                                                                                          chartered [2]
                                                                                                                                                                                                                          [2] 17/20 33/2 1/16 13/22
                                                                                                                                                                                        CHASE [2] 1/1/1 check [2] 39/2 checklist [1] checklists [1] Cherry [1] 62/4
    120/8 122/25 123/1 123/2
  120/8 122/25 123/1 123/2

123/4 123/12 125/6 135/11

136/13 137/7 138/19 139/4

149/13 150/1 150/18 153/1

155/10 157/5 161/1 161/3

161/5 161/21 167/5 170/10

171/5 182/3 182/24 186/10

188/15 188/16 191/17 195/24

196/19 198/5
                                                                                                                                                                                                                           39/13 137/14
                                                                                                                                                                                                                                     48/25
                                                                                                196/21 199/7
                                                                                                                                                                                                                                          84/11
                                                                                             cases [35] 6/16 6/17 17/22
17/25 18/2 18/9 19/14 22/10
                                                                                                                                                                                                                                          1/20
                                                                                                                                                                                         Chief [1]
                                                                                                                                                                                                                           63719
                                                                                                                                                                                                                                 198/2
                                                                                               28/20 31/19 34/3 62/20 73/18
79/23 81/14 85/12 85/16 86/3
94/15 94/21 98/19 99/9 99/24
                                                                                                                                                                                        chiseled [1]
chlorine [1]
choice [3] 2
choose [1] 9
                                                                                                                                                                                                                              55/6
27/7 137/25 179/3
                                                                                                                                                                                                                              97/23
                                                                                                101/11 102/1 102/3 102/8
                                                                                                                                                                                        choose [1] 97/23
chooses [1] 115/14
choosing [2] 70/6 97/13
chose [3] 9/2 70/3 96/6
chosen [1] 97/6
circle [1] 76/15
Circuit [74] 19/5 19/23 21/3
21/8 21/18 22/17 22/19 23/2
23/4 23/16 23/19 24/4 24/8
24/10 24/11 25/7 25/10 25/16
25/18 25/21 26/2 26/14 26/19
26/23 27/4 27/6 27/12 27/16
27/24 28/3 28/12 28/18 28/23
29/4 29/18 29/19 29/22 30/9
 can't [31] 12/12 20/19 20/20 35/15 41/25 60/10 69/6 80/7 82/6 83/5 91/6 107/10 120/3 120/10 120/18 120/21 129/12
                                                                                                122/1 122/6 126/24 137/6
138/11 140/4 170/13 196/18
                                                                                            cataloging [2] categorize [1] category [1] causation [1]
                                                                                                                                             99/6
                                                                                                                                             79/10 80/25
   152/8 154/10 154/10 156/9
156/9 157/21 157/21 162/9
162/11 174/1 178/21 184/14
184/15 184/15
                                                                                                                                             181/16
                                                                                                                                       146/25
                                                                                                                                           95/5
                                                                                            cause [2] 23/21 26/9
caused [3] 20/5 23/13 64/15
CD [1] 46/9
cannot [13] 22/13 68/10
71/23 73/12 90/20 90/20
91/18 92/12 116/2 127/21
                                                                                            CD [1] 4
cell [2]
                                                                                                                          84/5 125/24
   141/13 149/21 171/16
                                                                                            CENTCOM [3]
                                                                                                                                   37/23 111/13
canteens [1] 193/11
canvas [1] 155/6
capabilities [4] 109
109/20 118/25 126/2
                                                                                                                                                                                             29/4 29/18 29/19 29/22 30/9
                                                                                               111/15
                                                                                            Center [1] 4/15
centered [1] 17/19
centers [1] 25/2
central [5] 15/15
                                                                                                                                                                                            30/10 30/18 30/21 30/25
31/10 31/25 32/5 32/7 32/17
33/18 34/8 64/22 65/4 65/9
                                                      109/17
 capability [3] 106/17 143/3
                                                                                                                                                                                            69/6 69/8 70/11 72/5 72/11
                                                                                                                                     15/15 22/3 81/4
   161/12
                                                                                            111/15 126/23

certain [12] 26/8 62/15 72/4

106/6 111/16 118/3 133/8
                                                                                                                                                                                            74/24 76/9 87/4 87/6 87/12
87/18 87/23 90/8 91/4 91/6
capable [1]
capacity [2]
capture [1]
                                         74/9 199/6
                                                                                                                                                                                            93/22 94/4 94/6 94/23 100/1
                                       16/22
                                                                                                148/13 183/5 189/1 193/14
                                                                                                                                                                                            100/10 165/2
 captured [1]
                                            67/18
                                                                                                                                                                                         Circuit's [4]
79/6 96/21
CARB [2] 33, carcasses [1] 99/8
                                                                                                193/14
                                                                                                                                                                                                                                    23/25 69/2
                               53/6 76/24
                                                                                            certainly [14] 28/2 30/17
70/22 92/9 92/22 94/21 94/22
116/11 120/15 150/22 159/10
162/19 192/22 194/13
CERTIFICATE [1] 199/1
                                              47/4
                                                                                                                                                                                         circumstance [2] 90/2 162/25
circumstances [9] 6/18 21/19
22/4 23/19 42/25 89/25
140/18 169/4 194/3
care [1] 99/8
careful [1] 52/15
carefully [1] 69/9
Carmichael [30] 17/25 18/22
18/23 18/25 19/4 19/6 19/16
20/7 21/1 21/18 21/25 22/9
22/12 22/14 22/23 23/11
24/17 24/23 80/9 80/16
                                                                                                                                 199/5 199/11
21/7 27/15 29/2
                                                                                            certify [2] cetera [3]
                                                                                                                                                                                         citation [3]
                                                                                                                                                                                                                                  39/6 103/5
                                                                                                                                                                                           198/1
                                                                                             chain [30] 80/3 91/2 91/10 91/20 91/23 92/1 92/6 107/15
                                                                                                                                                                                         citations [1] 59/8
cite [2] 73/4 127/5
                                                                                                                                                                                        cite [2] 73/4 127/5
cited [8] 17/23 18/2 24/15
26/20 29/11 30/6 30/9 174/13
                                                                                                117/12 122/5 165/5 165/25
166/13 167/11 168/9 169/6
    135/14 135/15 138/11 138/12
                                                                                                                                                                                         citing [2] 113/10 183/2
civil [4] 1/3 96/1 178/4
199/8
    144/8 158/11 159/1 161/16
                                                                                                172/3 172/7 172/11 172/13
173/4 173/14 173/17 176/4
162/2 165/12
carry [3] 103/8 103/11 110/4
carrying [3] 35/8 52/12
                                                                                               180/15 181/2 182/13 182/23
190/16 190/21
                                                                                                                                                                                         civilian [12] 92/12 106/11 116/13 118/15 118/24 119/10
   134/6
                                                                                             chains [1] 92/5
 case [158] 4/16 7/8 9/24
```

```
committed [5]
_28/15 58/20 9
                                                                                                                                                                                                          16/3 25/23
                                                                                     169/7 169/20 170/4 177/7
 civilian se 8[6] -12103083-70 | 182/25 187/18 187/24 188/11 | 28/15 58/20 94/18 | 169/19 172/25 172/15 174/2 | combatants [2] 91/7 91/8 | 99/23 170/5
                                                                                  combatants [2] 91/7 91/8
combined [2] 64/2 122/8
combustible [1] 153/16
combustion [2] 148/9 153/16
come [15] 60/10 60/16 73/20
83/8 83/12 83/17 96/10 100/7
 civilians [2] 144/21 174/2 claim [14] 70/2 79/22 100/1 100/4 104/14 129/5 129/19 130/6 130/19 130/20 131/1
                                                                                                                                                                     communicate [1] 42/12
communicated [7] 5/22 102/15
103/6 103/24 104/15 104/24
                                                                                                                                                                        129/15
                                                                                                                                                                   comparative [1] 159/21
comparative [1] 191/20
comparative [1] 191/20
company [1] 189/8
comparative [1] 179/8
compelling [1] 68/4
compensated [1] 55/21
    153/21 192/16 194/12
claimed [1] 100/13
claiming [1] 109/6
claims [35] 18/19 20/15
                                                                                   115/2 115/3 151/12 157/8
165/21 182/1 185/22
comes [13] 30/8 61/19 70/16
71/12 87/19 87/21 96/21
                                                                                                                                                                                                                        102/18
   20/23 26/17 27/3 28/11 28/13
28/14 29/4 29/6 29/7 30/14
31/7 31/8 31/21 31/24 31/25
                                                                                     108/19 119/11 130/1 141/6
150/21 178/8
   34/4 64/3 64/5 74/20 79/19
81/4 81/13 82/1 90/23 96/22
                                                                                   coming [5] 83/4 146/15 164/3 188/1 188/2
                                                                                                                                                                     compensated [1] 37/21
competencies [1] 106/10
complaining [1] 183/13
complaint [7] 64/21 64/23
70/4 70/5 81/5 100/18 100/19
   98/4 102/7 141/9 178/19
                                                                                  command [111] 30/14 30/20
31/1 31/5 41/21 80/3 91/2
91/11 91/20 91/23 92/1 92/6
   179/5 179/12 192/3 192/7
 clarification [2] 38/18
   196/10
                                                                                                                                                                     complaints [1] 84/2
complete [8] 4/8 14/14 99/15
136/22 141/8 144/9 144/14
                                                                                     92/7 93/8 106/4 106/5 107/15
 clarified [1] 107/16
clarify [4] 107/18 108/18
139/9 195/17
                                                                                     111/15 113/4 113/18 115/14
117/12 117/18 117/23 118/11
                                                                                     119/7 119/13 121/9 121/20
                                                                                                                                                                       158/10
clause [2] 16/8 165/16
clear [58] 8/23 9/14 9/21
10/4 16/18 27/19 35/6 38/9
38/22 55/11 64/3 66/24 71/14
73/4 73/16 73/16 74/25 77/10
                                                                                     121/21 121/22 121/23 122/5
123/16 123/25 124/3 124/4
124/15 124/22 125/12 127/7
                                                                                                                                                                     completely [8] 12/24 47/4
95/23 130/20 138/7 159/12
167/17 168/16
                                                                                     127/14 127/18 127/22 129/22
131/3 131/17 133/13 136/19
142/7 144/20 165/2 165/5
165/25 166/13 167/11 167/11
167/19 167/20 168/4 168/7
                                                                                                                                                                    completeness [2] 27/11
completes [2] 8/8 82/1
completing [1] 3/8
complex [1] 62/9
                                                                                                                                                                                                                     27/11 32/5
  73/4 /3/16 /3/16 /4/25 ///.
82/7 83/5 88/7 88/21 88/22
90/15 101/12 101/13 101/14
118/20 120/5 121/6 122/23
124/8 126/8 127/13 134/10
135/6 141/20 146/2 147/3
147/11 148/6 148/18 149/20
153/22 156/25 168/1 169/25
170/3 170/25 174/19 177/14
                                                                                                                                                                     compliance [5] 64/16 112/21 113/1 128/5 186/24
                                                                                     168/9 168/12 168/16 168/19
                                                                                     168/24 169/1 169/2 169/6
169/25 170/17 171/16 172/3
172/3 172/8 172/11 172/13
                                                                                                                                                                     complicated [2] 37/7 196/16
complied [4] 79/20 140/11
140/14 190/8
170/3 170/25 174/19 177/14
177/19 179/20 180/6 181/22
182/13 183/25 187/21
clearance [1] 67/25
clearly [5] 10/4 60/10 84/4
112/7 170/23
                                                                                      172/15 172/21 172/25 173/5
                                                                                                                                                                     comply [10] 20/4 26/8 118/16 120/9 121/13 128/6 131/12
                                                                                     173/14 173/17 176/5 176/5
179/19 179/23 179/25 180/1
180/6 180/7 180/10 180/15
                                                                                                                                                                    120/9 121/13 128/6 131/12
136/21 148/16 178/5
component [1] 74/9
components [1] 153/17
composting [2] 191/10 191/23
comprehensive [3] 77/19
194/25 195/1
                                                                                      180/16 180/18 180/22 180/24
                                                                                     181/2 182/13 182/16 182/22
182/23 186/11 188/5 188/14
188/15 189/5 189/9 190/16
clerk [2] 197/11 197/19
click [1] 46/11
clients [1] 196/24
clock [3] 86/17 144/25 145/2
close [2] 7/24 187/20
closely [2] 25/4 64/21
closes [1] 32/22
closing [11] 2/4 2/5 2/6 2/7
2/8 2/9 3/11 8/11 13/6 13/8
                                                                                     190/19 190/21
                                                                                                                                                                       194/25 195/1
                                                                                  commanded [1] 135/17
commander [61] 5/20 6/2 6/16
6/24 37/14 38/23 39/4 39/9
41/16 41/23 42/1 42/5 46/21
47/3 47/6 48/22 49/7 52/13
52/14 53/15 55/12 57/5 60/14
61/6 66/1 83/18 91/19 92/2
93/4 93/6 93/12 104/20
                                                                                                                                                                    conceded [1] conceit [1] concept [3]
                                                                                                                                                                                                           56/1
                                                                                                                                                                                                        84/14
                                                                                                                                                                                                        16/7 19/19 61/4
                                                                                                                                                                     concepts [4]
87/16 87/23
                                                                                                                                                                                                           32/8 81/19
                                                                                                                                                                     concern [1]
concerns [2]
concluded [4]
                                                                                                                                                                                                      121/11
   14/5
                                                                                                                                                                                                           35/15 79/7
 CMO [1] 81/7
                                                                                                                                                                                                             8/22 65/9
 coalition [2]
                                        37/4 61/24
                                                                                     105/15 111/2 113/3 113/17
114/18 126/7 129/7 135/18
135/25 136/1 136/7 136/9
                                                                                                                                                                       66/10 198/8
 coders [1] 159/5
colleague [7] 34/14 62/25
63/3 98/11 178/14 192/2
                                                                                                                                                                     concluding [1] 9
conclusion [5] 2
40/17 73/1 77/21
                                                                                                                                                                                                                 98/12
21/17 36/19
                                                                                     137/24 137/24 143/6 144/14
159/19 162/20 163/8 166/21
167/4 173/2 173/6 175/20
180/6 180/15 180/21 181/25
   194/8
                                                                                                                                                                     conclusions [2] 72/18 99/21 conclusively [1] 74/16 concocted [1] 84/15 condemned [1] 31/13
 colleagues [3] 62/19 98/16
117/17
colleagues' [1] 152/19
collecting [1] 146/23
collection [3] 133/4 1/2
                                                                                     184/5
                                                                                  commander's [21] 39/1 39/16
40/16 40/21 41/21 44/25
45/15 48/6 48/9 49/23 51/1
52/19 54/4 60/7 60/13 61/22
71/20 71/23 92/16 92/17
                                                                                                                                                                     condition [2]
                                                                                                                                                                                                             122/18 152/5
                                          133/4 147/14
                                                                                                                                                                     conditions [41] 40/3 105/5 106/16 109/18 109/23 109/25
Colonel [2] 63/3 63/6

Colonel [20] 5/19 5/21 6/1

6/9 6/14 6/24 42/6 102/13

102/17 103/7 104/10 104/19

110/3 111/1 129/4 132/23
                                                                                                                                                                       106/16 109/18 109/23 109/25
110/5 110/8 110/9 110/17
111/22 112/18 112/22 115/18
115/21 116/11 116/19 116/24
117/22 118/9 118/21 120/7
120/19 122/15 124/23 125/14
127/18 129/11 131/2 133/11
140/11 143/1 154/4 154/24
157/4 161/25 171/15 172/16
                                     5/19 5/21 6/1
                                                                                     93/11
                                                                                  commanders [24] 22/12 38/6 38/13 40/1 40/17 60/25 71/11 77/10 84/5 97/10 98/1 105/4
 133/1 173/6 174/25 175/19 colors [2] 53/11 76/15 columns [1] 39/14 combat [16] 35/13 37/2 38
                                                                                     118/18 122/12 124/13 127/24
163/17 163/18 169/12 170/23
                                    35/13 37/2 38/4
                                                                                  182/7 185/7 185/12 187/3 commanding [9] 36/17 54/12 61/24 62/11 71/16 101/15 133/12 143/12 187/22
                                                                                                                                                                     172/19 183/16 186/15
conduct [33] 21/5 23/12 25/5
25/8 28/7 28/10 28/13 35/9
35/17 39/11 41/22 42/2 47/12
    54/12 67/15 67/17 69/24 90/6
 101/24 106/4 106/5 117/18
124/13 173/2 182/7 190/18
combatant [23] 13/22 14/3
16/14 30/13 86/23 102/7
                                                                                  commands [2] 87/20 123/23 commend [1] 96/18 comments [1] 14/7
                                                                                                                                                                       56/9 60/25 76/3 87/14 88/10
88/10 88/22 90/22 95/23 96/8
   118/18 122/12 127/24 142/21
164/20 166/25 167/24 168/11
                                                                                                                                                                       96/12 96/24 96/25 98/5
```

```
171/1 171/2 171/17 172/2
                                                                           37/21 40/18 47/23 48/3
 conduct ase 1609-151/170151/37 | continued [9] 36/19/37/9 | 173/24 175/13 175/14 181/24 171/10 171/12 16/14 179 | 100/23 130/11 130/16 | contractors' [2] 118/25
conducted [2] 41/23 102/5
conducting [5] 24/18 35/1
39/15 40/7 77/6
conduit [6] 22/19 38/24
71/17 71/20 93/5 136/7
                                                                         continues [2]
continuing [1]
contract [218]
                                                                                                             44/16 154/7
                                                                                                                                                    171/8
                                       24/18 35/12
                                                                                                                                                  contracts [42] 7/6 42/22 93/18 103/17 105/9 112/16
                                                                                                               45/18
                                                                         contracted [1] 117/10
contracting [92] 4/14 7/21
42/9 42/10 42/13 43/11 45/14
46/6 49/7 49/11 49/19 50/14
                                                                                                                                                    113/13 114/16 114/22 115/17
115/22 115/23 116/15 119/15
71/17 71/20 93/5 136/confer [1] 194/8 conference [1] 70/20 confidence [1] 99/22 confirm [2] 4/19 132, confirmed [6] 4/15 5, 8/5 171/25 185/2 confirming [1] 7/7 conflates [1] 33/25 conflates [1] 147/15
                                                                                                                                                    120/6 125/1 125/14 125/22
125/22 126/16 127/6 128/15
128/17 134/24 137/9 145/15
145/15 145/22 145/25 146/2
                                                                            50/16 50/17 58/13 76/16 89/6
                                                                          50/16 50/17 58/13 76/16 89/6 92/7 92/14 92/15 93/1 93/3 93/7 93/10 93/13 102/17 103/9 103/17 104/20 105/14 105/17 113/5 113/19 115/14 115/15 115/16 115/19 116/1 116/17 117/22 118/12 119/11 120/8 121/9 121/11 121/12 121/20 121/21 122/13 123/16 123/21 123/21 123/21 123/21 125/3 125/13
                              4/19 132/19
] 4/15 5/23 7/2
                                                                                                                                                  148/11 149/5 153/25 154/16
154/18 154/20 156/18 156/20
157/21 171/12 171/18 186/25
contractual [20] 7/23 79/20
96/1 110/17 112/9 117/13
120/19 122/4 124/25 128/8
                                                                                                                                                                                            7/23 79/20
conflating [1] 147/18
conflict [2] 16/11 73/14
 conformance [3] 109/22 132/5
                                                                                                                                                    131/4 131/13 133/6 137/18
   177/20
                                                                                                                                                    145/18 147/3 164/18 170/17
                                                                           123/21 123/21 123/24 124/15
124/21 124/21 125/3 125/13
125/17 127/7 127/17 127/19
127/20 128/1 129/15 131/5
131/17 131/25 145/11 145/13
147/21 147/21 149/6 149/17
149/18 150/22 156/11 156/12
157/17 157/22 162/1 163/3
163/5 163/11 163/23 171/14
180/13 180/14 181/9 182/13
conforms [1] 126/
confusing [1] 61/
Congress [5] 37/1
37/24 95/15 111/5
                                126/4
                                                                                                                                                    171/9 193/6
                                  61/4
37/17 37/18
                                                                                                                                                 contractually [1] 129/6
contradicted [1] 100/17
contrary [11] 5/1 24/9 34/1
38/13 56/3 69/7 69/10 69/12
72/16 82/9 83/4
 congressional [1]
                                              95/11
connected [1] 5/17
connection [2] 84/2
Connelly [1] 63/19
                                      84/7 84/12
                                                                                                                                                  contrast [3]
                                                                                                                                                                                 158/10 161/16
                                                                                                                                                    161/17
 consequence [3] 24/12 24/22
                                                                           180/13 180/14 181/9 182/13
182/17 190/25
                                                                                                                                                  contributory [1] 179/6
control [110] 12/5 17/20
22/23 22/24 23/1 23/6 25/2
25/8 28/15 29/20 30/19 32/6
   31/1
consider [10] 10/17 10/25 13/8 13/19 23/22 33/15 52/17
                                                                         contractor [138] 6/4 15/21
16/13 18/10 20/9 29/6 29/13
29/16 30/12 30/21 31/14
33/13 77/2 79/20 79/22 79/23
81/13 81/14 90/3 90/8 90/12
   52/18 73/3 185/24
                                                                                                                                                    32/9 33/5 33/12 33/12 33/13
 consideration [3] 43/6 80/23
                                                                                                                                                    33/16 46/17 51/13 55/11 65/5
72/5 72/13 76/1 76/8 76/10
   139/17
 considerations [3] 40/15
                                                                           91/10 91/12 91/14 92/10
                                                                                                                                                    76/11 77/4 79/4 80/7 80/18
                                                                           92/11 92/18 92/21 93/20
97/24 103/8 103/14 103/19
105/16 106/11 108/1 110/3
   68/20 68/21
                                                                                                                                                    87/19 87/22 90/22 103/18
117/13 117/13 117/25 118/10
119/7 119/13 126/22 126/22
 considered [15]
                                        23/2 23/16
   23/17 24/11 24/18 24/21
36/21 39/18 39/19 69/9 94/23
                                                                           110/16 116/8 116/13 116/22
117/9 117/24 119/10 121/4
122/2 123/20 124/16 124/17
125/5 125/7 125/9 125/15
126/3 126/22 131/3 131/9
                                                                                                                                                    135/4 135/7 135/13 136/17
                                                                                                                                                    135/4 135/7 135/13 136/17
136/22 137/19 137/19 138/6
138/7 138/13 138/17 138/25
139/10 140/2 141/11 142/7
142/12 142/25 143/7 143/17
144/8 144/14 144/19 144/20
146/2 159/11 159/13 159/17
160/5 161/9 161/13 161/17
   98/1 122/24 125/7 151/2
considering [1] 151/5
consisted [1] 114/10
consistent [11] 47/25 5
60/19 60/22 61/12 61/22
                                        47/25 58/6
                                                                           131/10 131/11 131/18 134/16
135/3 137/5 137/11 138/19
138/22 141/24 142/9 142/13
   66/20 125/18 125/19 127/3
constitute [4] 117/24 119/13
163/25 199/12
                                                                                                                                                    162/13 163/25 164/7 164/17
164/18 165/22 166/21 168/10
168/25 169/5 169/13 169/15
170/24 171/17 172/3 172/15
172/21 176/24 179/19 179/25
                                                                           143/1 143/3 143/6 143/7
146/11 146/16 146/16 146/22
147/13 147/19 147/24 147/25
148/16 148/21 149/15 149/20
150/4 151/12 151/17 151/21
 constitutes [1] 163/25
Constitution [3] 16/8 16/25
   121/14
Constitution's [1] constitutional [2]
                                                                           151/24 153/8 153/15 153/17
154/7 159/4 159/7 159/17
161/14 161/19 161/22 161/24
                                                                                                                                                    180/7 180/10 180/18 180/24
181/23 183/5 184/3 184/22
186/20 186/21 188/4 189/3
                                              15/12
   16/23
constraints [1] 61/7 construction [1] 191 consultation [2] 52/
                                                                           163/1 164/1 164/3 164/4
164/8 165/9 165/23 166/3
166/4 166/9 166/10 166/11
166/14 166/23 167/13 167/21
170/24 170/25 171/4 171/4
                                                                                                                                                    190/2 192/8
                                            191/20
                                                                                                                                                  controlled [9] 47/16 54/9 75/15 75/17 100/16 107/20 107/20 137/1 146/1
                                                                                                                                                                                      47/16 54/9
                                            52/23
   124/17
contact [1] contain [1]
                               148/21
                                                                                                                                                  controlling [1] 80/19
controls [3] 13/2 55/12
                               154/18
                                                                            171/5 171/22 171/23 172/6
 contained [3] 139/23 154/12
                                                                           172/16 172/21 173/19 176/8
176/20 177/10 179/22 181/9
                                                                                                                                                    131/3
   154/20
                                                                                                                                                  controversy [1] convenience [1]
containers [1] 151/3
containing [1] 4/8
contended [2] 100/2
contention [5] 33/1
100/7 112/15 133/24
                                                                                                                                                                                         141/14
                                       151/13
                                                                           182/4 183/2 184/16 186/14
189/25
                                                                                                                                                  Convention [1] 162/9 conversations [2] 6/14
                                   100/23 179/3
                                                                          contractor's [2] 29/9_178/2
                                      33/11 100/5
                                                                          contractor-acquired [1]
                                                                                                                                                    114/12
                                                                                                                                                  conversely [1] 186/2
convert [1] 182/15
converting [3] 45/16 48/6
                                                                           147/25
CONTENTS [1] 2/1
contest [1] 130/9
context [12] 20/11 20/21
20/22 27/25 41/4 44/11 90/4
118/15 122/24 127/9 142/25
                                                                         contractor-run [1] 147/19
contractors [47] 19/7 26/5
28/19 29/5 41/4 91/6 94/7
                                                                                                                                                    163/12
                                                                                                                                                 convey [1] 42/11
conveyed [1] 22/18
conveying [1] 93/6
convince [1] 9/2
convoy [29] 18/24 21/7 80/20
122/9 135/16 135/18 135/24
                                                                           95/7_96/24_97/6_97/8_97/14
                                                                           97/17 97/21 107/23 109/10
   187/17
                                                                           116/3 116/8 117/3 121/8
122/14 124/14 129/22 144/19
contingency [9] 37/19 56/15 56/24 61/13 68/11 111/7 111/17 117/4 124/11
                                                                           144/21 149/7 149/11 161/21
                                                                           162/3 162/5 163/7 163/7
 continually [1] 75/22
continue [7] 5/2 5/4 37/19
                                                                           163/19 166/7 168/6 170/21
                                                                                                                                                    136/1 136/5 136/6 136/9
```

```
culled [1] 197/10
current [2] 69/3 116/4
lourvesg@1208196285
customer [1] 78/19
cut [1] 28/8
                                                                  79/14 98/16 99/10 100/11
convoycase 1809-137/62083 RW could out 191/16
137/20 137/23 137/24 1389 RW could out 191/16
                                                                  3/4 3/13 4/2 5/3 8/12 8/18
   144/10 144/14 144/17 159/12
                                                                  8/21 9/2 10/6 11/10 11/18
  159/18 159/19 159/19 162/3
162/4 165/14 165/15 165/15
                                                                  11/25 13/13 13/21 14/6 14/13
14/15 14/18 15/1 15/5 17/14
convoys [4] 37/1 80/9 186/14
                                                                  18/1 18/6 18/16 19/16 19/18
20/19 20/21 21/8 21/25 22/5
23/22 24/17 24/23 24/25 26/3
28/6 28/10 28/23 29/5 29/10
  186/19
cooperating [1] 189/15
coordination [1] 151/25
copies [3] 123/5 153/1 153/2
copious [1] 197/25
copy [4] 14/13 14/14 43/5
                                                                                                                                D-10 [1] 55/3
                                                                                                                               D.C [6] 29/4 29/17 29/18 29/18 29/22 90/8 D.O.D [7] 68/9 68/11 93/8
                                                                  29/17 30/5 30/15 32/17 33/2
33/2 33/3 33/7 33/21 34/5
                                                                                                                                  116/21 124/8 178/3 194/13
                                                                                                                               daily [1] 158/13
Damon [10] 3/24 5/19 42/6
44/20 45/10 52/14 102/13
                                                                  34/6 34/24 36/15 36/23 37/16
37/20 37/23 38/3 38/10 38/18
COR [1] 188/3

CORE [12] 20/2 24/5 25/20

71/1 81/5 84/19 93/25 97/20
                                                                  42/17 42/18 42/21 48/13
49/11 49/13 52/10 54/14
                                                                                                                               102/21 104/1 109/11
dangerous [2] 116/1
DANIEL [1] 1/16
dare [1] 138/1
data [1] 94/22
date [2] 21/6 153/2
                                                                  54/19 56/1 56/4 56/6 56/9
57/24 58/17 59/14 59/14
                                                                                                                                                               116/11 136/12
98/4 98/25 182/5 183/20

corps [9] 36/18 106/10 150/2

150/23 152/2 152/3 155/1
                                                                  62/21 63/1 63/11 63/20 65/8
                                                                  65/24 68/4 69/8 69/11 69/14
  155/24 173/1
                                                                  73/3 76/14 77/18 78/2 79/15
79/24 81/7 81/10 81/15 81/21
                                                                                                                                                     21/6 153/20
correct [23] 8/22 44/5 63/17 92/3 103/8 104/5 106/22
                                                                                                                                David [4]
                                                                                                                                                      3/24 7/5 49/14
                                                                  81/22 83/10 85/1 88/8 91/11
94/7 96/9 99/8 99/13 99/17
                                                                                                                                  133/2
  109/1 109/15 109/24 114/1
                                                                                                                                day [44] 3/13 8/16 20/3 24/7 25/10 26/7 33/8 65/21 69/3 71/2 81/8 85/24 122/3 122/3 132/3 132/3 134/6 134/6 137/13 138/5 138/5 143/13
  172/3 172/4 172/9 172/14
                                                                  101/12 101/13 101/18 102/2
115/10 115/18 115/20 123/7
138/14 138/24 139/14 140/12
140/24 142/17 145/8 149/21
  172/24 176/18 180/2 180/9
180/12 196/12 197/9 197/18
corrected [1] 68/13
correcting [1] 63/10
Corrective [1] 78/15
correctly [2] 193/10 193/20
CORS [8] 60/16 84/6 159/5
                                                                  157/5 157/25 168/18 176/25
178/20 178/21 178/24 179/22
184/15 185/10 186/9 187/10
                                                                                                                                 143/13 143/14 143/14 143/15
143/15 159/15 162/24 162/24
164/2 164/2 165/19 165/19
CORS [8] 60/16 84/6 159/5 177/24 177/25 178/1 182/3
                                                                  188/16 188/21 188/25 189/1
                                                                                                                                  165/23 165/23 168/23 174/3
                                                                                                                                174/3 179/13 186/12 186/12
199/9 199/16
day-to-day [9] 122/3 132/3
134/6 138/5 143/14 143/15
                                                                  199/3 199/4 199/9 199/20
  188/6
                                                                court's [24] 3/16 3/21 3/25
4/9 4/22 5/25 7/12 9/5 9/10
cost [1] 76/21
costly [1] 99/12
costs [1] 39/20
                                                                                                                                                                  122/3 132/3
                                                                  9/11 14/21 17/8 34/21 35/2
                                                                  43/8 44/19 49/24 50/4 54/7
58/3 86/25 99/20 139/17
                                                                                                                                  165/23 174/3 186/12
could [54] 4/11 7/17 10/11 13/13 25/12 26/25 32/25 41/21 44/19 45/17 45/18
                                                                                                                                days [6] 14/20 35/6 98/17 99/10 106/18 164/10
                                                                  196/3
                                                                courtroom [6] 60/17 63/2

99/4 115/12 115/24 161/2

courts [6] 16/18 19/14 22/5

25/22 73/7 79/11

cover [7] 15/6 20/7 69/13

87/1 87/2 109/12 191/13

covered [14] 66/15 67/7

67/10 69/15 71/14 77/25

79/25 87/19 108/24 139/7
                                                                                                                                DCMA [88] 5/20 5/21 6/2 6/16 6/24 7/20 37/20 38/24 38/25
  45/19 46/17 47/23 48/3 49/2
  51/2 60/13 66/25 68/17 68/17
69/20 90/5 90/15 91/14 96/23
97/4 103/25 116/16 120/3
                                                                                                                                 0/24 7/20 37/20 36/24 36/23

40/20 41/20 42/3 43/2 44/17

44/21 48/19 51/12 52/13

52/14 52/24 53/2 53/9 53/12

54/3 55/21 57/4 58/8 60/5

60/8 60/12 61/21 62/2 62/15

66/10 71/11 71/15 71/17

71/19 71/23 72/2 72/3 72/3

72/7 78/6 78/18 78/19 85/30
  120/15 121/20 130/8 130/12
130/17 143/20 144/1 144/5
156/4 157/2 157/7 159/6
165/9 175/20 175/22 179/16
                                                                  79/25 87/19 108/24 139/7
   179/21 183/21 185/19 186/2
                                                                                                                                  72/7 78/6 78/18 78/19 85/20
85/23 93/7 102/15 103/6
104/15 104/19 104/24 105/21
                                                                  154/3 160/8 172/23 192/6
188/1 190/11 194/7 195/19 couldn't [4] 22/15 74/13 107/8 170/24
                                                                covering [1] 78/4
create [5] 58/8 91/11 169/7
177/6 183/8
                                                                                                                                  108/15 111/1 113/3 113/17
counsel [10] 3/21 8/15 10/7 46/1 70/24 89/16 93/16 98/20 100/13 198/7
                                                                                                                                  114/18 114/20 121/17 126/7
129/1 129/5 129/7 132/24
158/18 158/18 159/3 159/9
                                                                created [3]
                                                                                           34/25 43/21
                                                                  165/7
                                                                creates [3]
                                                                                           57/21 142/20
counsel's [2] count [1] 6/2
                                11/20 112/16
                                                                                                                                  159/16 173/3 173/6 175/19
176/5 176/12 176/14 176/16
176/21 176/22 177/8 177/9
                                                                  164/18
                      6718
                                                                creating [3]
                                                                                            44/22 118/1
counter [3] 3/14 67/13
                                                                  144/11
  122/20
                                                                creative [1] credible [1]
                                                                                              89/11
                                                                                                                                  180/3 181/24 182/2 182/23
counter-designations [1]
                                                                                              101/15
                                                                                                                                  190/21
  3/14
                                                               criminal [1] 96/2
crisis [1] 35/13
criterior [3] 50/23 101/24
                                                                                                                                DCMA's [4] 41/1 44/22 50/22
counter-insurgency [1] 67/1
countries [2] 140/20 186/13
country [8] 48/1 61/9 85/16
101/6 149/10 158/8 158/13
                                                  67/13
                                                                                                                                  181/2
                                                                                                                                de [1]
                                                                                                                                                136/19
                                                                                                                                deal [6] 10/22 123/20 148/7
158/25 162/6 164/15
dealing [4] 113/22 121/6
130/5 151/7
                                                                 102/4
                                                                critical [13] 21/9 21/10 66/24 67/4 67/4 68/19 70/7 74/12 109/11 152/21 164/17
  194/1
country's [1] 37/4
counts [1] 114/5
couple [4] 31/19 4
                                                                                                                                dealt [2] 89
debate [1] 1
decade [5] 1
89/11 140/19
                                                                  176/23 178/7
                                                                                                                                                      89/1 147/1
                         31/19 42/20 46/14
                                                               Critically [1] 76/19
criticizing [1] 85/22
cross [4] 4/5 38/14 56/2
                                                                                                                                                       100/21
  197/22
                                                                                                                                                         18/15 83/14 84/22
course [48] 17/12 17/15
17/21 18/6 19/16 19/20 27/2
27/6 30/12 32/7 33/3 34/22
                                                                 69/19
                                                                                                                                decide [10]
                                                                                                                                                           5/8 6/7 32/18
                                                                                                                                  36/13 67/20 76/23 97/8 135/1
                                                                cross-examination [1]
                                                                                                                69/19
  34/23 35/1 35/6 35/15 36/16
37/13 37/16 39/8 39/17 42/13
42/19 47/12 47/16 47/18 48/7
                                                               cross-examine [1]
cross-examined [1]
cross-examining [1]
crucial [1] 103/17
crystal [1] 124/8
                                                                                                                                135/10 140/24

decided [24] 4/18 5/6 6/4

6/12 6/13 6/20 7/19 7/19

27/14 35/8 37/15 46/22 56/3
                                                                                                       4/5
                                                                                                           38/14
                                                                                                             56/2
  48/11 49/13 50/1 50/7 51/18
   53/14 54/9 57/1 57/3 57/7
                                                                                                                                  59/8 65/6 65/7 65/7 65/21
   58/18 59/24 60/2 72/23 75/20
```

```
delayed [1] 5/12

delayed [1] 5/12

delegable [1] 77/12

delegated [1] 177/8

deliberately [1] 98/1

delicate [1] 37/3

delineates [1] 124/16

deliver [1] 13/22

deliverable [1] 193/2

delivered [3] 129/16 130/3
                                                                                                                                                                 159/19 183/25
decides [1] 167/15
                                                                                                                                                               dictated [1] dictates [1]
                                                                                                                                                                                                    127/23
deciding [1] 76/19
decision [51] 5/24 6/9 26/12
27/17 30/5 30/9 30/24 31/3
                                                                                                                                                                                                    116/7
137/12
                                                                                                                                                              dictates [1] 116//
dictating [1] 137/12
dictionary [1] 31/6
did [101] 4/18 4/19 8/15 9/4
24/20 29/2 31/24 32/3 38/14
40/4 40/17 46/1 48/8 48/9
   35/23 38/19 38/24 40/16
   40/18 40/19 58/3 60/22 60/23
60/24 61/8 65/14 65/15 65/15
67/4 70/22 72/2 75/12 75/19
79/1 81/10 89/23 89/24 89/24
                                                                                                                                                                  48/13 57/23 60/9 65/23 69/2
69/4 69/7 69/13 69/14 70/1
   96/15 96/17 100/15 105/1
106/3 106/14 111/6 111/10
111/16 117/19 117/20 117/21
121/7 124/19 126/6 129/22
                                                                                  193/1
                                                                                                                                                                 78/20 80/5 82/22 99/1 102/18
104/17 105/21 105/22 106/7
107/17 108/4 108/6 110/22
112/8 113/24 114/2 114/4
114/25 115/2 115/2 119/23
120/16 120/20 125/10 125/12
                                                                                delivers [1] 14/6
Delta [2] 54/22 63/14
                                                                               demonstrate [2] 52/10 189/2
demonstrated [1] 129/3
demonstrates [1] 72/21
demonstrative [4] 52/3 52/18
   136/15 149/22 155/10
 decisions [74] 4/16 5/24 7/3 7/7 8/6 21/4 21/6 21/10 21/11 21/12 21/14 21/21
                                                                                                                                52/3 52/18
                                                                                                                                                                  125/13 125/15 126/16 127/13
                                                                                  54/18 158/3
                                                                                                                                                                 125/13 123/13 126/16 12//1.

128/12 128/20 135/20 139/2

139/13 139/15 140/9 140/13

140/14 146/6 148/11 150/9

151/8 155/15 156/17 156/22

157/8 157/9 157/11 160/1
                                                                                Department [7] 37/24 37/42/4 62/11 144/20 150/21
                                                                                                                         37/24 37/25
   21/23 23/4 23/18 24/1 25/5
26/15 26/21 27/13 31/9 31/22
32/10 32/13 38/8 38/14 38/15
                                                                                  191/14
                                                                               depending [2] 6/17 56/8
depicted [2] 53/3 53/5
deploy [1] 67/17
deployed [2] 35/22 108/21
deposed [5] 50/9 60/3 85/13
174/11 177/22
   42/2 62/10 62/14 64/10 64/19
   64/20 65/7 68/15 68/18 69/5
70/21 71/13 71/16 72/10
72/11 72/15 72/20 72/22
                                                                                                                                                                 161/13 163/11 165/2 167/5
170/19 175/25 176/10 176/11
176/14 178/1 179/14 179/22
   72/23 73/6 73/15 75/19 75/21
                                                                                                                                                                  179/23 180/10 180/18 180/23
   75/24 77/4 77/7 77/16 79/1
79/2 79/3 80/22 85/18 88/1
88/9 88/12 88/12 88/22 90/17
                                                                                                                                                                  181/4 181/11 181/15 185/2
185/7 185/13 191/16 192/21
192/22 193/23 195/24 197/18
                                                                                deposition [9] 3/23 42/7 59/1 59/9 60/17 78/17 122/20
                                                                                  132/23 134/21
   90/22 94/8 100/21 115/7
                                                                                                                                                               didn't [53] 6/17 11/18 24/24
25/8 27/5 31/23 42/6 44/3
47/21 47/22 48/2 62/2 62/5
66/11 66/11 76/2 76/4 76/22
                                                                                                                           40/9 50/6
                                                                                depositions [4]
   115/9 115/11 115/13 171/12
                                                                               94/11 94/12
depth [1] 77/25
derivation [1] 89/22
describe [3] 6/14 40/24
   183/5
deck [1] 88/18
declaration [7] 43/6 44/20
50/12 52/1 54/19 108/15
                                                                                                                                                                  103/16 105/10 109/7 111/8
                                                                                                                                                                 103/16 105/10 109/7 111/8
112/15 113/24 114/7 125/14
127/10 128/10 128/11 128/12
128/20 129/7 129/8 132/15
133/8 143/10 149/24 155/13
156/15 159/9 159/10 160/20
163/20 163/20 163/21 167/12
172/10 173/2 176/17 186/17
193/15 194/17 197/17
                                                                                  171/18
   180/5
                                                                                described [8] 35/14 35/14 53/25 54/14 55/21 87/8 89/10
 declarations [20] 8/14 8/17 9/7 9/10 9/23 10/2 10/9
                                                                                  140/19
                                                                               designated [1] 16/24

describes [5] 39/6 43/19

43/20 54/25 110/18

desert [1] 155/21

deserve [1] 145/16

design [2] 15/20 16/9

designated [1] 65/13

designations [7] 3/14 4/1

4/7 4/8 122/21 122/23 123/8
   10/10 10/18 10/21 11/1 11/12
11/14 12/7 12/13 12/15 40/8
50/5 50/8 137/21
decline [1] 190/11
dedication [1] 196/2
deems [1] 47/21
deep [1] 53/21
default [3] 104/13 108/19
                                                                                                                                                              difference [6] 22/20 29/21
137/18 140/17 159/15 170/18
differences [1] 154/5
different [27] 15/12 15/14
15/14 27/20 29/1 29/5 39/7
41/14 48/20 52/9 57/19 61/16
78/9 107/2 114/6 137/5 138/1
138/8 140/21 140/22 144/19
   109/5
                                                                                designed [1] 16/24
despite [5] 42/4 85/2 97/18
104/22 142/18
defeat [2] 34/4 91/1
Defendant [1] 1/15
defendant's [1] 179/9
defendants [3] 34/25 122/19
                                                                                detail [5] 15/7 110/20
113/24 131/15 146/8
detailed [2] 108/9 109,
detainee [1] 166/19
                                                                                                                                                               148/14 159/12 163/19 167/16
167/17 168/16
differs [1] 117/10
difficult [2] 130/14 140/23
   145/8
                                                                                                                    108/9 109/8
defense [40] 15/17 16/6
16/15 17/6 17/9 17/18 25/4
32/3 37/5 37/24 37/25 42/4
                                                                                deter [1] 96/24
determination [9] 10/11
10/20 21/22 27/8 37/7 44/7
75/22 179/2 191/5
                                                                                                                                                               difficulties [1] 131/22
   42/9 42/10 44/20 45/9 50/3
                                                                                                                                                              dig [1] 20/23
dimension [1] 22/2
direct [69] 3/25 4/2 5/25
11/23 22/13 29/14 30/1 44/19
   50/24 51/25 52/3 52/5 54/20
55/19 62/11 74/1 74/2 74/15
                                                                                determinations [2]
                                                                                                                                   23/9
   87/5 89/7 89/18 89/21 90/10
92/20 93/17 94/19 102/15
103/25 150/21 178/17 179/6
defense's [1] 54/15
defenses [10] 15/1 15/11
15/12 16/2 17/5 20/16 20/23
178/19 178/24 179/11
                                                                                  145/16
                                                                                                                                                                  46/6 51/2 51/25 54/7 69/19
77/22 91/18 92/1 92/19
                                                                                determinative [5] 65/5 72/12 80/4 80/15 139/22
                                                                                                                                                                  116/12 117/24 118/10 119/13
125/5 125/6 127/21 135/4
135/6 135/13 136/17 137/10
137/19 138/6 138/13 138/17
                                                                                determine [11] 20/16 20/24
31/4 81/21 114/20 118/23
124/23 128/2 146/4 149/17
deficiency [1] 125/7
define [2] 39/10 57/1
defined [4] 41/16 110/16
116/15 185/6
defines [3] 52/22 110/11
                                                                                  178/21
                                                                               determined [2] 135/12 150, determines [2] 60/20 137/3 determining [3] 138/23 143/16 156/14 detract [1] 29/19 detrimental [1] 97/12 developed [3] 99/16 99/20 188/18 development [1] 69/25
                                                                                                                                                                  138/25 140/2 141/10 142/7
144/7 159/1 159/4 159/7
                                                                                                                          135/12 150/7
60/20 137/17
                                                                                                                                                                 159/1 159/1 159/4 159/7

159/10 160/4 161/8 161/17

163/1 163/7 163/20 163/25

164/6 164/17 168/10 168/15

168/25 170/23 172/6 172/12

174/22 179/19 179/21 182/4

184/3 184/12 184/22 185/14

188/25 189/3 192/19 194/2
   131/11
definitely [1] definition [3]
                                          168/12
                                          89/20 147/6
   171/16
                                                                                development [1] 69/25
deviate [1] 128/8
degradation [1] 82/23
degrading [1] 67/16
degree [3] 76/8 87/22 136/22
                                                                                                                                                                directed [15]
                                                                                                                                                                                                      3/21 5/1 7/8
                                                                                deviations [1] 128/18
                                                                                                                                                                  10/7 18/13 46/18 54/9 58/8
```

```
D dispositive [3] 4/16 7/3 8/6 104/22 105/2 105/18 124/18 disprove [1] 100/7 126/11 126/11 147/22 148/5 122/3 136/20 150/7 190/18 disprove [1] 48/13 File d 03/4/2/1 149/age 184/2 of 123/5 23 168/21 126/3 136/20 150/7 190/18
                                                                                    55/13 70/19 88/9 105/6
                                                                                                                                                                       170/20 171/23 190/24 191/17
   193/7
                                                                                  disputes [4] 61/20 61/22
61/25 95/5
distilled [4] 32/6 32/9
32/18 87/21
                                                                                                                       61/20 61/22
                                                                                                                                                                       197/8
 directing [4] 4/22 7/12
37/21 59/24
                                                                                                                                                                   Dodge [1] 3/10
does [37] 30/19 30/20 39/14
56/11 62/21 79/20 90/9 91/8
95/3 98/3 101/25 106/8
108/25 110/3 110/9 117/24
119/12 124/10 134/23 134/25
 direction [27]
                                            5/18 38/23
   45/24 46/3 52/19 61/3 64/13
                                                                                                                        127/19
                                                                                   distinct [1]
   72/4 72/8 84/16 92/24 97/19
100/25 120/9 126/15 126/18
135/24 136/5 151/23 152/1
                                                                                  distinction [6] 22/19 29/9 29/21 124/11 124/12 164/17
                                                                                  distract [1] 94/8
distracted [1] 197/25
district [10] 1/1 1/1 1/9
1/19 29/5 29/10 29/17 79/24
                                                                                                                                                                       142/16 147/11 152/21 157/25
153/24 130/3 131/23 132/1
153/7 163/9 167/5 173/22
174/4 184/1 190/23
directions [5] 77/8 92/10
93/11 103/13 160/1
directive [3] 24/9 82/11
                                                                                                                                                                       142/16 14//11 132/21 13//2
159/16 159/19 160/6 160/12
164/19 171/4 175/16 179/8
184/1 185/20 188/12 192/16
                                                                                     199/4 199/4
                                                                                                                                                                       195/8
                                                                                                                                                                    doesn't [41] 11/11 23/5 23/7 29/19 29/19 41/8 44/15 53/23 56/24 57/3 57/8 58/13 58/19 60/11 79/17 80/18 82/18
                                                                                  divert [1] 94/18
division [2] 1/2 150/23
do [142] 4/11 4/25 9/4 10/6
10/11 11/18 12/12 12/23 14/2
directives [7] 76/12 92/23
92/25 93/2 99/3 99/3 114/19
directly [18] 22/16 24/9
26/14 26/20 45/1 72/18 74/16
90/18 100/17 102/1 146/1
158/22 159/17 171/1 171/6
                                                                                    10/11 11/18 12/12 12/23 14/2 20/11 24/5 25/19 26/16 33/7 34/20 41/25 42/16 45/23 47/11 48/17 54/7 57/23 59/21 60/11 64/12 64/13 69/25 72/3 72/4 73/15 73/21 75/2 75/2 77/2 77/3 78/18 84/9 86/10 87/1 92/22 97/19 101/13 101/23 102/25
                                                                                                                                                                       89/21 92/6 104/1 110/24
                                                                                                                                                                       124/11 127/15 128/4 128/25
137/12 140/23 142/17 146/12
                                                                                                                                                                    137/12 140/23 142/17 140/12
146/13 146/14 147/10 148/10
156/10 157/20 163/24 166/8
169/23 177/6 186/18 186/20
doing [30] 45/19 85/19 85/21
95/13 95/20 99/6 103/14
   175/20 176/12 177/16
lirector [1] 4/14
director [1] 4/14
directs [3] 108/1 109/18
   125/8
                                                                                     101/21 101/23 103/10 103/25
104/10 104/10 104/23 105/16
disagreed [1] disappeared [1]
                                        29/18
                                                                                                                                                                       106/20 106/22 116/10 118/3
127/15 136/7 137/25 138/1
140/10 140/14 146/18 156/7
                                             72/16
                                                                                     107/3 110/6 110/7 110/13
110/15 110/20 111/23 111/23
disapproving [1] 168/13
discern [2] 64/9 74/19
discernible [5] 142/17
142/18 152/21 153/25 156/20
                                                                                     112/9 112/22 113/7 114/9
115/6 115/8 115/10 118/19
                                                                                                                                                                       158/9 160/11 161/24 167/3
169/18 170/9 183/12 184/24
                                                                                    119/18 120/10 120/11 122/13
123/1 123/2 124/6 124/13
126/9 126/13 126/21 127/24
                                                                                                                                                                    188/2 197/8 198/4
dollars [1] 182/1
dollop [1] 83/22
                                          56/9 170/4
 discerning [3]
                                                                                                                                                                                                       182/10
   170/12
                                                                                                                                                                    don't [66] 8/17 9/8 12/25
13/2 13/5 33/22 36/5 41/22
42/23 45/25 47/17 49/25
56/20 65/22 73/19 75/19
discipline [3] 31/16 175/20
                                                                                     130/8 131/12 132/1 132/5
   175/22
                                                                                    132/5 135/8 136/5 136/6
136/16 136/20 137/12 138/5
138/8 138/10 146/17 146/18
discourage [1] 113/14
discover [1] 120/7
discoverable [1] 25/17
discovered [1] 197/9
discovery [10] 11/6 33/7
70/14 80/5 94/10 94/14 99/12
147/9 178/25 191/16
discovery [1] 101/13
                                                                                    138/8 138/10 146/17 146/18
148/20 152/9 152/13 153/4
153/12 153/12 154/24 157/23
158/1 161/1 161/3 161/5
162/17 163/2 164/1 164/2
165/24 167/16 167/16 170/3
170/12 170/15 170/23 172/5
177/18 178/15 179/12 179/15
182/4 182/8 183/5 183/11
183/22 185/2 186/2 187/5
191/13 191/16 192/21 192/22
193/15 194/4 195/7 196/6
196/18 197/19 197/21 199/5
doctrine [31] 14/1 15/18
                                                                                                                                                                       79/17 97/15 98/7 106/10
                                                                                                                                                                       107/10 107/11 108/8 108/8
108/12 109/7 113/13 114/12
                                                                                                                                                                       116/23 118/21 127/6 127/10
                                                                                                                                                                       130/8 131/14 131/14 137/15
137/16 144/3 147/22 148/19
153/1 154/9 156/1 156/3
156/9 157/10 157/16 158/11
discredit [1] 101/13
discreet [5] 90/3 90/5
140/18 156/20 186/14
discretion [14] 5/8 32/1
32/2 32/14 88/1 90/11 90/12
                                                                                                                                                                      161/23 163/2 163/15 164/4
165/18 169/16 169/17 174/13
174/15 181/7 183/21 184/2
184/5 187/11 187/17 196/7
196/9 196/17
   110/4 110/6 110/7 110/13
   138/23 141/8 146/4
discriminating [10] 20/12
24/18 24/22 118/7 135/9
138/8 151/6 170/12 185/23
                                                         20/12
                                                                                  doctrine [31] 14/1 15/18
15/18 15/22 17/6 19/11 20/10
20/20 23/24 26/16 27/1 27/25
28/18 63/24 72/19 72/24 73/2
                                                                                                                                                                    done [20] 10/12 12/11 12/12 12/20 74/14 77/14 77/19 105/18 111/10 119/25 126/15
   186/22
discuss [5] 27/17 38/12
41/14 62/19 68/1
                                                                                     73/22 79/12 84/19 85/22 86/1
                                                                                                                                                                       143/23 149/13 149/13 149/14
                                                                                     86/4 102/3 115/5 115/7
115/10 145/9 146/1 157/24
                                                                                                                                                                       153/7 182/10 184/4 194/23
discussed [10] 7/24 19/13 39/3 53/2 62/21 114/15 135/14 139/18 145/7 148/1
                                                                                                                                                                       196/24
                                                                                                                                                                    down [24] 13/14 22/24 32/1
59/5 60/21 61/19 64/4 73/1
                                                                                     170/22
                                                                                                                                                                                                 13/14 22/24 32/11
                                                                                   doctrines [3] 16/23 19/12
discussing [1] 108/10
discussion [8] 32/22 56/
59/18 70/13 108/13 109/8
113/9 134/23
                                                                                                                                                                       79/3 87/19 87/21 101/17
107/14 107/14 113/18 114/19
119/20 119/24 120/3 127/14
                                                                                     26/5
                                            32/22 56/12
                                                                                   document [27] 39/5 43/22 45/6 45/21 47/1 54/25 56/22
                                                                                    59/23 78/14 79/9 82/7 82/14
82/17 82/19 82/21 83/8 94/13
102/25 150/5 150/24 151/3
154/23 155/4 160/14 160/22
                                                                                                                                                                    130/7 130/14 157/17 162/21 dozens [2] 85/13 99/19 Dr [4] 65/25 68/9 77/9 77/13 Dr. [2] 39/23 69/17
 discussions [4] 57/20 108/9
115/1 129/8
dismiss [1] 70/16
dismissed [4] 29/6 62/20
73/18 102/8
                                                                                     191/12 191/14
                                                                                                                                                                   Dr. Petraeus [1] 69/17
Dr. Postlewaite [1] 39
                                                                                  documentary [1] 14/19 documentation [3] 47/22
                                                                                                                                                                                                                            39/23
disposal [28] 4/19 6/4 6/7
37/9 37/9 50/21 71/13 101/1
101/7 104/13 106/1 107/9
                                                                                                                                                                   draft [1] 150/10
drafted [1] 52/23
dragged [1] 82/12
draw [5] 31/4 49/24 50/4
128/14 128/17
drawing [2] 160/12 160/15
dreaming [1] 138/1
drill [1] 59/5
drive [1] 40/16
                                                                                     84/13 89/4
                                                                                  documented [1] 193/17
documents [43] 34/19 40/5
42/18 45/1 46/3 46/5 46/12
47/10 47/11 47/14 51/11 52/8
52/11 54/2 54/13 54/16 55/18
56/5 69/18 79/16 82/9 82/11
85/1 99/18 100/3 100/6
   109/5 110/21 113/21 113/22
   127/2 127/16 127/25 129/2
147/4 147/14 148/15 151/1
151/11 166/2 169/18 191/21
dispose [2] 146/25 147/20
disposed [1] 148/14
disposing [2] 62/13 105/4
```

```
138/20 138/22 141/23 142/11
                                                                                                                                                      190/25
driver CEST 2091 ind 2020 83-170 142/13 143/7 149/1 158/16 establishing [5] 64/1 85/4 80/18 135/23
                                                                                                                                                    estimate [2] 53/4 53/6 estimates [1] 76/21
                                                                             170/24 170/25 170/25 171/2
drives [1] 45/21
driving [3] 22/2
DRMS [1] 146/24
                                                                            171/5 171/6 172/6 172/25
173/8 173/13 175/2 175/4
175/10 175/17 176/1 176/14
                         3] 22/25 61/7 80/9
146/24
                                                                                                                                                   estimates [1] 74/7
et [3] 21/7 27/15 29/2
evaluate [2] 104/6 175/25
evaluated [5] 47/20 51/20
55/20 62/9 62/10
dubious [1] 90/1
dumpsters [1] 151/14
duration [2] 41/9 186/16
during [21] 30/12 34/22 35/9
37/19 46/1 48/14 99/10
                                                                         175/10 175/17 176/1 176/14

176/17 179/24 180/11 180/19

180/25 181/4 181/8 181/13

184/12 187/4 190/5 190/12

employees' [1] 176/1

employment [2] 114/8 163/14

end [13] 3/15 33/8 43/12

43/22 61/18 65/20 69/3 85/24
                                                                                                                                                     evaluating [4] 25/17 39/24
                                                                                                                                                      52/7 55/1
   100/12 101/7 106/6 106/6
107/5 114/12 128/5 132/10
135/4 141/24 145/20 149/2
                                                                                                                                                    evaluation [3] 51/21 51/22
                                                                                                                                                      51/23
                                                                             133/21 164/5 174/21 184/3
                                                                                                                                                    evaluations [1] 40/10
   168/23 172/5
                                                                                                                                                   evaporate [1] 124/11

eve [1] 100/22

even [36] 12/18 18/18 19/18

41/13 42/8 45/24 47/13 47/18
                                                                             193/2
duties [6] 16/20 97/21
141/10 159/14 176/2 190/1
duty [9] 79/20 97/6 97/7
97/14 97/17 97/24 114/20
                                                                          ended [3] 44/1 133/10 193/21
ends [1] 159/21
Enduring [3] 35/9 48/15
                                                                                                                                                       72/6 75/7 80/15 90/4 91/6
                                                                             126/25
                                                                                                                                                      96/2 112/8 115/24 118/15
124/2 124/3 125/7 127/15
131/7 133/2 136/12 147/2
   135/11 140/24
                                                                         enemy [1] 162/11
enforceable [1] 154/25
enforced [1] 113/8
engage [2] 118/7 162/11
engaged [1] 162/6
engagement [2] 30/15 68/19
engaging [1] 46/4
engineers [1] 183/21
enormous [2] 14/18 94/16
enough [4] 64/21 67/22 79/22
                                                                           enemy [1] 162/11
 dwell [1] 17/23
 Ε
                                                                                                                                                   131// 133/2 136/12 14//2
149/10 152/2 159/6 168/18
168/19 169/5 169/16 169/17
184/5 184/23 186/9
event [1] 179/12
events [3] 22/1 22/3 169/9
ever [16] 4/21 36/25 57/18
                           21/10 21/10 64/5
 each [11]
   68/14 68/17 72/15 87/1 117/7
   120/2 135/21 135/21
earlier [12] 20/7 31/21
59/23 61/1 74/11 99/11
125/21 127/13 135/15 145/7
                                                                                                                                                      104/17 107/9 108/8 109/7
127/22 130/22 156/25 173/13
173/16 183/11 191/8 193/7
154/22 175/19
early [5] 70/16 107/6 151/3
191/17 191/24
                                                                             183/22
                                                                          ensure [6] 8/23 38 113/1 148/9 153/15
                                                                                                      8/23 38/25 78/24
ears [1] 159/9

easier [1] 150/14

easiest [1] 91/3

Echo [3] 46/15 46/21 58/5

echoed [1] 175/9

echoes [1] 30/8

effect [2] 39/19 92/13

effecting [1] 93/3
                                                                                                                                                       196/17
                                                                          ensures [2] 30/22 53/7
ensuring [4] 49/20 190
192/18 192/25
                                                                                                                                                    every [35] 20/1 37/1 42/15 42/16 42/16 51/21 51/22 51/23 67/14 68/18 72/15
                                                                                                            49/20 190/7
                                                                         192/10 152,
enter [1] 174/1
entered [2] 33/3 120/5
entertaining [1] 139/14
entertaining [37/4 95/25 125/20
                                                                                                                                                       82/17 82/21 93/19 102/25
                                                                                                                                                      102/25 117/7 120/2 131/15
136/23 137/2 137/12 137/13
137/13 143/8 146/6 154/16
                                                                                                                                                       157/7 163/10 170/18 170/19
effectively [3] 67/1 94/18
                                                                                                                                                      170/19 174/14 188/1 198/1 everybody [10] 39/7 60/19
                                                                          entirety [2] entities [1] entitled [2]
                                                                                                            78/4 89/2
  149/14
                                                                                                                                                    everybody [10] 39/7 60/19 113/15 117/5 117/6 129/22
                                                                                                             108/3
 effectiveness [2] 97/11
                                                                                                            71/3 90/9
                                                                          entitlement [1] 17/11
entitlement [7] 39/14 103/24
                                                                                                                                                    129/23 144/11 165/22 185/8 everything [7] 59/8 132/9 136/6 137/25 156/24 162/9 174/13
  97/13
effects [3] 42/1 153/10
                                                                          entity [7] 39/14 103/24
108/1 119/21 172/21 181/12
   153/13
efficient [1] 13/13
effort [3] 9/2 74/7 144/15
efforts [1] 5/12
either [6] 12/17 28/14 33/1
                                                                             181/14
                                                                                                                                                   everywhere [2] 126/15 155/13
evidence [72] 14/18 14/19
14/22 17/11 18/17 23/3 23/14
23/17 31/8 34/21 35/4 38/13
38/22 54/1 55/25 56/3 57/4
                                                                          entrusted [1] 22/7
environment [8] 35/25 36/23
37/23 40/14 61/13 82/23
  either [6] 12/17 28/14 33/7 65/1 66/10 189/2
                                                                             102/5 117/5
elect [1] 106/7
elected [2] 62/11 155/10
electric [1] 25/19
electricians [3] 140/8 140/8
                                                                          environmental [13] 38/5
39/24 40/3 40/13 56/22
112/21 146/15 150/5 152/2
152/3 153/10 153/13 154/23
                                                                                                                                                       59/3 61/15 62/6 62/8 62/17
                                                                                                                                                      65/9 65/10 69/8 69/10 69/12
69/18 71/7 72/14 72/16 72/21
73/5 74/25 78/22 82/9 83/7
                                                                          environmentally [1] 119/18
environments [2] 56/15 68/11
EPA [3] 112/17 112/20 120/10
equally [3] 16/6 24/16 81/6
equipped [1] 167/22
electronic [1] 34/18
element [1] 149/8
Eleventh [11] 19/5 19/23
21/3 21/8 21/18 22/16 22/19
23/2 23/4 23/16 23/19
                                                                                                                                                      83/10 83/21 84/25 85/2 85/3
                                                                                                                                                      85/5 85/7 88/16 88/21 89/3
96/5 96/5 99/1 99/25 100/2
                                                                                                                                                       100/20 101/3 101/3 101/9
                                                                         equipped [1] 162/6
equivalent [1] 167/22
equivalents [1] 182/16
era [1] 66/21
erect [1] 71/8
escape [1] 120/6
escorted [1] 63/3
especially [1] 124/8
ESQUIRE [9] 1/11 1/11 1/12
1/12 1/15 1/15 1/16 1/16
                                                                                                                                                      101/14 102/20 104/7 122/19
133/25 145/20 147/18 154/12
156/19 157/20 174/12 174/16
ELIZABETH [1] 1/12
else [8] 9/9 39/14 82/24
86/10 89/5 129/24 133/23
                                                                                                                                                    191/4 192/7 192/8 193/6
evidence-free [1] 85/5
   162/9
elsewhere [1] 156/2
emails [1] 85/1
emerge [2] 20/17 20,
emergent [1] 186/15
emphasis [1] 17/25
                                                                                                                                                    eviscerate [1] 92
                                                                                                                                                                                            \frac{5}{9}2/20
                                                                                                                                                   evolve [1] 44/14

exact [2] 43/24 114/16

exactly [15] 35/18 36/14

41/18 48/11 50/25 58/6 64/6

136/20 137/17 146/13 153/24

158/14 159/19 181/19 197/9
                              20/17 20/25
emphasize [1] 21/2
emphasized [2] 22/15 93/23
emphatically [1] 100/4
employed [3] 36/20 191/11
191/25
                                                                           essential [4] 21/23 54/11
                                                                            74/8 97/22
                                                                          essentially [7] 59/2 64/8 65/6 66/5 67/2 69/4 72/14 establish [4] 17/8 17/11
                                                                                                                  59/2 64/8
                                                                                                                                                    examination [2] 69/19 69/19
                                                                                                                                                   examine [1] 4/5
examine [1] 38/14
examining [1] 56/2
example [15] 27/14 27/23
42/21 46/16 47/2 55/5 55/8
 employee [6] 7/6 7/20 67/23 163/12 173/19 175/20
                                                                             34/5 116/19
                                                                          established [7] 88/17 99/24 124/25 147/15 176/16 186/6
 employees [46] 19/25 29/10 29/24 31/16 80/14 137/11
```

```
E exploding [1] 36/25 far [10] 58/18 72/9 explore [1] 142/22 far [10] 58/18 72/9 explore [1] 12/9 156/17 169/22 far [10] 58/18 72/9 explore [1] 12/9 156/17 far [10] 58/18 72/9 explore [1] 142/2 far [10] 58/18 72/9 explore [10] 58/18 7
                                                                                                                                                                                                                                                 58/18 72/9 124/7
                                                                                                                                                                                                                                                                                        174/6
 examples [3] 9/6 75/8 186/8 exceedingly [1] 98/21 except [3] 9/25 134/3 182/3
                                                                                                                                                                                                                 fast [1] 133/23
fastest [1] 130/5
fault [3] 23/15 179/6 179/9
FCRR [1] 1/19
feasible [3] 156/14 156/15
                                                                                                            153/18
                                                                                                        express [1] 195/25
expressed [2] 10/3 145/11
expressly [2] 104/17 182/4
extend [1] 171/4
extensive [7] 14/19 14/19
14/20 77/15 77/18 94/13
 except [3] 57/9 90/13 90/19 91/17 91/20 93/15 102/7 122/10 136/2 136/3 142/22 164/21 167/25 169/8
                                                                                                                                                             104/17 182/4
                                                                                                                                                                                                                     191/24
                                                                                                                                                                                                                 February [3] 70/16 70/20
     170/4 177/7 182/25 187/18
187/25 188/11
                                                                                                            98/17
                                                                                                                                                                                                                     95/15
                                                                                                         extensively [1] 15/3
extent [10] 32/11 87/22 95/9
113/6 132/13 139/10 159/4
160/12 165/4 181/5
                                                                                                                                                                                                                 fed [1] 40/1
federal [16]
                                                                                                                                                                                                                                                40/1
excerpt [1] 38/2
excerpts [2] 10/2 42/20
exchanged [1] 160/2
excluding [2] 81/11 148/4
exclusive [7] 121/17 121/18
138/21 142/10 161/15 172/20
                                                                                                                                                                                                                                                                 5/13 16/4 16/9
                                                                                                                                                                                                                 16/11 16/11 16/19 16/20

16/11 17/3 30/7 96/14 96/23

97/7 97/24 102/7 174/7

federalism [2] 16/7 16/9

fee [5] 50/13 50/23 51/23

78/23 78/23
                                                                                                         extra [1] 194/17
extraordinary [3] 84/25
                                                                                                                                             194/17
                                                                                                            196/1 196/21
     190/4
                                                                                                          extraterritorial [1]
                                                                                                                                                                                    142/2
                                                                                                                                                                                                                 feedback [1] 7
feel [1] 82/15
 exclusively [5] 16/18 21/11 21/12 21/14 116/14 excuse [2] 49/1 186/10
                                                                                                         extraterritorially [1] 57/
extremely [2] 98/19 192/22
extricated [1] 73/12
                                                                                                                                                                                           57/8
                                                                                                                                                                                                                                                                  7/22
                                                                                                                                                                                                                  feel [1]
feet [1]
executes [1] 48/7
executive [4] 4/14 17/2
25/23 25/25
                                                                                                                                                                                                                                                   84/1
                                                                                                          eyes [1] 159/8
                                                                                                                                                                                                                  Fehn [6]
                                                                                                                                                                                                                                                   49/12 59/17 173/5
                                                                                                                                                                                                                Fehn [6] 49/12 59/17 1/3/5

181/19 183/12 183/17

fell [2] 65/20 165/16

fence [1] 165/21

few [12] 14/5 14/20 15/7

18/25 28/20 30/4 32/25 66/13

84/19 94/1 98/11 145/22

field [8] 30/7 126/12 131/12

142/15 144/21 171/24 183/16
                                                                                                      F
face [1] 58/15
facet [2] 136/23 15.
facilities [2] 69/22 1/1,
facing [1] 35/13

[73] 5/10 8/21 9/5 10/8

(18 23/7 23/14

(17 23/17 23/14
exempt [1] 124/12
exercise [6] 25/8 33/21
33/22 143/17 182/14 182/16
exercised [2] 176/24 180/1
exercising [4] 168/12 170/
170/17 173/3
                                                      168/12 170/16
                                       142/12
  exert [1]
                                                                                                            22/2 22/17 22/18 23/7 23/14
26/17 29/22 29/24 34/5 45/11
48/8 48/13 59/19 60/19 63/17
                                                                                                                                                                                                                     189/17
                                                                                                                                                                                                                fight [2] 35/15 67/16
fighter [1] 123/19
fighters [2] 119/5 183/18
figure [2] 122/4 131/20
figured [2] 63/12 77/2
filed [5] 9/23 9/24 70/4
86/2 178/22
  exhaustive [3] 4/6 34/23
  exhibit [30] 5/3 38/3 40/2 40/12 43/5 43/6 44/20 45/10
                                                                                                             69/20 70/4 70/14 72/2 72/3
                                                                                                            72/22 73/11 73/23 75/1 77/14
78/1 79/19 80/17 80/17 83/6
84/9 84/14 85/17 89/12 91/7
     50/10 50/11 51/2 51/25 52/4
54/19 54/20 56/17 57/16
     125/2 134/21 142/9 161/12
                                                                                                            95/10 96/20 98/6 104/22
105/8 107/7 113/14 121/8
124/10 124/10 128/18 133/7
148/2 148/11 148/15 149/9
     161/14 164/6 174/10 177/15
                                                                                                                                                                                                                 final [3] 8/10 94/25 197/5
finally [12] 5/15 6/20 7/20
8/4 8/7 14/5 23/10 72/1
     178/3 191/18 193/4 197/7
     197/14
 exhibits [3] 40/6 50/3
                                                                                                                                                                                                                 78/21 85/8 121/14 130/12

find [9] 25/11 75/8 76/6

76/11 77/5 147/21 156/15

157/8 170/14
                                                                                                             162/3 162/8 163/10 164/4
164/13 169/22 177/9 184/20
| 197/19
| exist [2] 98/3 98/3
| existed [2] 97/21 169/5
| existence [1] 142/18
| existing [6] 46/19 47/5 58/5
| 87/14 151/25 153/9
| exists [2] 52/25 103/1
| exit [2] 76/22 77/1
| expand [1] 68/1
| expanded [2] 68/3 82/13
| expect [4] 125/15 131/14
| 131/15 153/24
| expectations [1] 110/16
     197/19
                                                                                                             185/23 186/18 186/19 192/24
                                                                                                             196/4
                                                                                                                                                                                                                 finding [3] 21/4 31/25 178/3 findings [1] 21/9 fine [16] 58/14 60/11 86/6 123/4 152/23 152/24 153/2
                                                                                                          fact-free [1] 84/14
                                                                                                          facto [1] 136/19
factor [14] 24/25 25/3 25/3
73/25 80/4 139/13 139/22
                                                                                                             140/3 140/4 141/11 178/12
                                                                                                                                                                                                                     160/18 160/24 161/2 164/23
                                                                                                             178/13 178/17 178/18
                                                                                                                                                                                                                     164/23 194/19 194/19 195/14
                                                                                                          factors [5]
62/9 111/8
                                                                                                                                                                                                                     197/16
                                                                                                                                                    25/6 36/21 61/8
                                                                                                                                                                                                                 Finish [1] 144/3
finished [1] 195/5
                                                                                                          facts [32] 13/19 13/25 20/13 20/14 20/22 20/24
                                                                                                                                                  13/19 13/25 14/3
 expectations [1] 110/16
expected [18] 35/21 109/11
109/13 109/20 112/25 113/4
128/6 131/12 132/13 132/13
                                                                                                                                                                                                                 fire [1] 176/17

first [46] 4/17 9/8 13/14

15/17 21/9 22/11 25/2 25/7

27/18 28/5 33/17 39/3 42/19

44/9 51/5 52/20 54/14 54/17
                                                                                                            21/18 22/4 24/19 27/19 32/9
40/6 54/15 54/20 55/19 62/19
64/2 64/6 73/4 73/15 93/18
     133/24 146/17 162/14 163/9
                                                                                                             135/9 140/6 140/7 145/23
 164/1 183/11 189/12 189/23
expediency [1] 39/20
expedient [1] 62/12
experience [4] 6/2 67/23
                                                                                                          151/5 169/15 169/23 182/25
187/17 187/19
factual [6] 8/20 59/14 59/18
62/21 84/16 98/18
                                                                                                                                                                                                                     56/14 59/6 60/5 61/13 64/9 64/19 70/4 73/23 74/20 81/22
                                                                                                                                                                                                                     83/1 88/25 94/3 95/1 101/4
105/12 107/18 127/5 131/18
134/15 135/2 138/15 138/15
149/7 152/8 152/9 164/25
 109/4 134/2

expert [7] 57/4 131/19 146

146/18 183/15 183/16 192/4
                                                                                                          factually [1] 129/25
failed [7] 26/8 69/11 73/17
84/7 84/12 86/3 86/7
                                           57/4 131/19 146/3
                                                                                                                                                                                                                     195/14
 expertise [4] 21/16 106/12 109/21 189/16 experts [4] 126/2 153/11 183/6 189/17
                                                                                                                                                                                                                fisc [1] 182/8

fiscal [1] 123/23

fit [3] 43/10 97/1 171/9

fits [6] 120/25 149/5 149/6

154/6 156/21 194/4

five [3] 69/2 134/4 158/19

fix [2] 120/24 134/13

fixed [1] 145/2

flack [1] 49/4

flag [1] 22/11
                                                                                                          failing [2]
failure [3]
                                                                                                                                                   20/3 98/24
                                                                                                                                                       26/9 26/22 26/22
                                                                                                          fair [1] 99/14
fairly [3] 66/15 67/18
170/13
                                                                                                                                                                                                                                                   120/25 149/5 149/6
explain [2] 84/15 124/3
explained [7] 6/10 6/15 7/2
82/10 132/23 181/19 183/17
explaining [1] 5/11
explains [2] 123/15 125/3
explanation [1] 129/19
explicitly [2] 40/14 57/22
                                                    6/10 6/15 7/22
                                                                                                         fall [1] 79/10
falling [1] 73/10
familiar [6] 15/1
27/10 161/20 184/9
                                                                                                                                                       15/1 19/9 25/1
                                                                                                                                                                                                                  flag [i]
                                                                                                          famous [1] 195/20
                                                                                                                                                                                                                                                  22/11
```

generals [14] 39/18 40/8 56/2 60/20 61/19 61/24 62/11 1769/Hage:1216 04/23575/13 89/6 flames [1] 8661 md-02083-RWT31 Diocument 480 34716 d303182/ 34/8 64/15 64/22 65/4 65/8 101/15 132/6 flew [1] 37/11 generated [2] 82/21 140 generator [2] 24/6 25/9 Geneva [1] 162/8 gentleman [1] 115/1 genuine [3] 17/13 88/8 69/1 69/6 69/8 70/11 72/5 72/11 74/24 76/9 79/6 81/25 87/4 87/6 87/12 87/17 87/23 flight [1] 59/12 flip [2] 64/25 88/18 flips [1] 43/9 floor [1] 9/17 FOB [5] 46/15 46/21 1 161/10 161/11 82/21 146/23 24/6 25/9 91/4 91/6 93/22 94/4 94/6 94/22 96/21 100/1 100/10 46/15 46/21 141/6 165/1 169/22 framed [2] 33/18 Frank [1] 132/23 frankly [1] 58/1 FRED [1] 1/11 free [5] 33/7 84/ 85/6 189/12 geographic [1] 122/12
Gerald [3] 130/2 132/21 33/18 34/9 **FOBS** [1] 164/10 **focus [4]** 34/20 43/8 56/7 175/18 69/25 **germane [3]** 10/22 11/17 focused [6] 25/18 27/13 29/8 56/5 56/6 59/18 focusing [4] 30/21 37/22 59/18 61/5 33/7 84/14 85/5 11/25 Gerry [1] 130/2 get [36] 3/9 13/6 13/7 13/17 18/5 26/25 53/20 62/10 87/17 88/20 88/24 105/13 108/4 Freedom [6] 35/9 35/10 48/14 48/15 126/25 126/25 frequency [1] 84/11 folks [5] 131/16 163/22 168/7 183/18 184/21 follow [10] 12/22 47/23 76/5 77/11 93/15 134/18 134/20 frequency [1] 84/11 Friday [8] 3/13 3/20 38/10 73/24 73/24 182/5 183/10 110/20 114/7 114/25 120/6 120/9 122/1 125/25 128/2 135/23 137/15 137/16 139/15 145/1 149/16 149/24 162/12 197/7 166/8 168/22 186/1 follow-on [1] 47/23 followed [5] 112/23 119/8 144/16 157/13 friendly [1] 119/18 front [7] 3/4 38/2 41/20 135/17 136/9 192/13 196/12 47/23 169/16 169/17 184/4 188/12 196/10 197/22 198/5 112/23 114/17 135/1/ FTCA [1] 30/22 fuel [1] 135/21 fulfiling [2] 32/1 105/23 Full [3] 46/12 99/15 137/22 143/2 161/11 gets [6] 32/11 32/19 115/12 115/25 198/3 198/5 following [4] 130/10 134/21 59/19 109/2 getting [6] 81/18 93/14 108/8 117/1 197/24 197/25 Gharib [3] 168/3 168/4 168/8 Gina [5] 103/2 104/8 116/16 119/2 192/11 follows [2] 13/14 118/13 food [2] 110/20 191/23 footnote [4] 10/1 13/1 26/13 function [12] 25/21 80/19 103/9 114/6 132/4 141/4 143/2 144/16 146/21 161/11 26/19 footprint [1] 67/20 force [19] 35/22 37/5 80/7 80/9 82/8 103/15 103/20 give [25] 10/9 11/14 13/10 22/13 42/17 43/14 47/15 103/13 122/25 140/23 152/23 153/16 159/7 160/1 163/20 functionally [1] 167/22 functions [11] 18/14 41/6 97/22 107/9 128/23 134/7 135/5 144/18 161/10 161/10 184/17 107/5 109/13 131/14 132/3 134/8 136/2 138/12 150/2 163/21 184/1 184/11 185/14 165/16 165/25 185/16 189/11 186/22 192/9 194/16 195/13 195/19 198/3 forces [12] 61/25 101/6 106/4 106/17 107/20 108/21 108/22 122/6 128/22 180/7 given [27] 8/25 10/16 10/ 11/4 22/1 29/13 30/1 75/7 8/25 10/16 10/17 **fund** [1] 69/20 82/19 84/16 88/20 94/1 112/1 115/18 115/20 116/3 133/2 133/16 145/15 146/16 152/18 180/8 187/4 **fundamental [6]** 15/15 15/20 16/7 16/23 20/19 116/5 fore [1] 49/19 foregoing [1] 199/11 forest [1] 82/15 funding [4] 7/16 7/16 53/9 157/11 157/12 162/13 196/2 180/2forest-in-the-trees [1] 197/14 198/1 gives [2] 141/7 187/15 giving [14] 38/11 92/8 92/9 92/11 93/10 117/19 137/10 funds [2] 76/24 77/1 further [8] 13/8 70/13 70/13 77/13 87/17 113/9 142/23 82/15 forever [1] 73/11 form [5] 44/6 84/10 117/25 124/18 126/17 formal [9] 9/13 78/12 78/14 169/5 169/11 169/11 169/14 177/5 185/9 199/11 138/4 138/22 151/6 158/12 158/22 167/4 185/23 glad [1] 187/13 glass [1] 58/25 go [55] 10/20 35/2 36/5 **futility [1]** 33/22 gave [11] 26/23 50/8 77/8 100/25 102/24 132/22 133/19 142/24 184/8 184/25 187/4 GCCs [1] 122/11 general [93] 4/3 5/22 6/23 29/12 35/7 35/11 36/9 36/16 36/18 36/22 37/17 39/9 39/10 40/23 40/23 41/7 41/17 41/18 41/18 42/9 42/23 47/25 49/18 formally [1] 8/13 formation [1] 117/6 former [2] 150/13 150/14 forms [1] 124/19 41/22 46/13 53/5 65/18 68/2 68/3 69/23 70/1 71/17 72/25 forms [1] 124/19 forth [15] 16/15 17/11 24/25 30/3 30/11 35/8 111/8 117/21 131/9 131/10 145/14 148/11 149/19 154/11 171/15 75/25 76/11 80/5 89/22 97/24 101/11 108/6 110/8 110/24 111/3 111/19 116/16 120/8 126/21 136/13 136/13 137/6 141/13 143/12 144/1 146/8 41/18 42/9 42/23 47/25 49/18 Fortunately [1] 101/24 Forty [1] 130/3 Forty-one [1] 130/3 forward [18] 3/8 20/17 71/5 148/8 150/18 152/16 155/10 53/24 54/10 60/8 60/9 62/4 66/8 66/15 66/24 67/6 67/21 69/16 74/6 74/10 92/15 101/10 101/19 102/14 102/16 102/19 102/23 103/10 158/20 158/23 160/18 161/22 161/23 162/21 162/21 164/15 167/10 174/14 174/21 182/10 184/4 185/4 186/5 187/8 71/9 81/6 83/12 85/3 92/1 101/11 108/21 120/15 136/25 136/25 141/13 154/4 187/8 103/12 103/23 106/15 106/23 107/5 107/13 107/13 107/22 110/25 111/1 114/18 115/15 118/18 118/19 119/6 119/6 188/8 goal [2] 41/15 59/20 goals [1] 16/14 goes [7] 58/19 81/20 95/23 108/18 110/18 155/9 171/3 going [78] 3/7 3/15 10/17 10/20 10/25 12/22 13/11 13/11 13/18 36/7 36/13 39/12 196/16 197/3 forwarded [1] 83/17 fought [1] 67/1 found [12] 21/25 25/7 25/16 29/7 29/19 32/7 34/3 78/8 108/1 139/21 168/18 193/5 122/12 122/13 122/17 122/21 123/15 124/2 125/10 125/10 127/12 128/4 130/25 131/14 131/15 132/18 132/25 133/12 **four [6]** 48 74/19 99/22 48/5 55/6 59/8 64/8 133/12 133/14 162/25 170/19 172/1 172/18 177/13 179/4 179/20 179/23 180/14 180/15 180/21 181/8 193/23 195/20 generally [2] 66/22 100/16 42/3 45/13 46/13 57/25 63/24 66/14 68/2 69/13 72/12 75/25 four-step [1] 48/5 fourth [57] 23/25 24/4 24/8 24/10 24/11 25/7 25/10 25/16 25/18 25/21 27/12 27/16 86/10 86/13 90/10 93/20 94/8 97/16 97/16 103/7 112/11 113/19 117/5 119/17 119/18

27/24 28/3 28/12 28/18 28/23

```
gung [2] 184/7 184/13 149/19 151/4 153/19 154/15 gung-ho [2] 184/7 184/13 155/5 155/9 155/15 156/18 guys 0[2] meras 480 162/20 03/22/17163/age184/601643/22 165/6
 going Cas(43)1091220492106313W
136/13136/201386/21138/23
                                                                                                                                                       165/25 166/21 176/25 177/21
   143/23 146/8 146/14 149/7
149/9 149/16 154/4 154/5
154/16 155/21 156/6 158/4
158/21 159/20 160/2 163/1
                                                                                                                                                        178/22 179/2 182/11 182/11
                                                                                                                                                       182/12 184/14 187/6 188/16
188/21 192/2 192/8 193/4
                                                                           had [110] 5/17 6/2 6/15 9/16 9/22 10/5 10/5 19/17 19/24 22/23 24/5 24/8 25/19 26/6
                                                                                                                                                     194/20 196/2 196/21
hasn't [3] 12/21 139/4
   163/24 165/21 165/21 167/15
                                                                             26/8 29/4 29/6 31/13 32/1
   167/24 170/12 170/13 170/14
174/21 177/23 178/15 178/23
179/18 181/21 183/8 183/8
                                                                             34/18 36/3 36/20 36/24 39/22
39/23 44/11 45/19 47/24
                                                                                                                                                       178/24
                                                                                                                                                    hasty [1] 35/24
hat [1] 158/6
hauling [1] 94/6
have [268]
have [6] 9/16
                                                                             48/25 49/19 51/12 58/2 59/11
59/24 59/25 59/25 60/3 61/21
   186/11 194/16 195/12 195/15
   196/11
                                                                             66/15 67/6 67/10 71/22 74/11
76/23 77/8 77/9 77/13 78/18
80/18 84/11 84/24 85/13 89/1
92/18 99/12 102/21 107/4
 gone [5]
120/13
                        65/10 71/2 119/3
120/13 181/13
good [14] 3/3 3/18 3/19
                                                                                                                                                                                    9/16 12/11 12/12
                                                                                                                                                       12/20 94/1 192/3
                                                                                                                                                     having [7] 17/11 25/12 33/24
40/19 62/9 100/20 109/8
HAZ [2] 146/23 147/7
  14/11 34/16 47/15 81/11
121/10 122/16 123/17 143/25
144/24 184/19 196/23
                                                                             107/11 111/23 121/17 121/17
122/18 125/25 126/15 127/20
129/14 129/14 129/21 130/3
                                                                                                                                                    HAZ [2] 146/23 147/7
hazard [1] 183/8
hazardous [12] 50/20 56/25
110/23 110/24 132/11 133/4
147/12 147/13 151/10 151/17
goods [1] 121/15
got [25] 9/17 14/13 33/12
43/18 48/24 51/7 51/17 59/8
67/20 78/17 82/15 86/9 86/20
                                                                            130/13 130/14 133/15 134/5
134/12 135/15 135/16 135/18
137/25 140/8 140/12 147/19
150/14 152/3 152/17 153/7
158/8 158/17 158/24 159/3
160/3 164/16 166/9 166/10
                                                                                                                                                       152/4 185/1
   88/17 110/19 119/15 126/10
                                                                                                                                                     HAZMAT [8] 114/5 146/23
146/25 147/4 147/4 147/7
147/14 185/3
   131/16 140/5 140/9 152/12
153/11 172/24 188/23 192/12
                                                                             167/12 168/8 168/19 176/22
179/14 180/7 181/21 185/3
gotten [2]
govern [1]
                             120/13 149/24
                                                                                                                                                    HAZMATS [1] 111/2
he [196] 4/20 4/21 4/25 5/9
5/22 6/2 6/5 6/6 6/15 6/23
6/24 7/1 7/6 7/13 7/15 7/21
7/22 7/23 7/24 23/1 35/12
                           19/7
                                                                             185/21 186/1 186/5 188/8
governed [3] 19/21 147/7
                                                                             190/4 190/14 192/18 192/24
   171/13
                                                                           199/6
half [1]
governing [3] 21/5 25/5 26/5 government [47] 5/13 15/20 16/4 16/5 16/7 17/3 25/24 30/7 31/12 37/4 37/6 91/6 91/12 93/18 93/19 94/6 94/8 94/13 94/14 94/16 95/8 95/20 20/23 10/25/25 115/25
                                                                                                   158/20
                                                                          half [1] 108/20
halfway [1] 102/5
hammer [2] 73/2 73/10
hamper [1] 97/12
hand [7] 8/2 8/2 26/24
86/8 86/9 170/6
                                                                                                                                                        35/13 35/14 35/14 35/18
                                                                                                                                                       35/20 35/20 35/21 35/22
35/23 36/2 36/2 36/4 36/13
36/14 36/17 36/17 36/18
                                                                                                  j 97/12
8/2 8/2 26/24 61/8
                                                                                                                                                       36/19 36/20 36/21 36/21
36/23 36/24 36/25 37/1 37/2
37/7 37/10 37/10 37/11 37/11
37/11 37/13 37/15 37/18 40/1
  98/22 107/25 115/19 115/21
115/22 116/6 116/20 116/25
118/3 120/22 121/13 124/22
125/4 131/5 142/11 143/3
                                                                           handed [6] 107/14 107/14 113/18 114/19 127/14 197/7 handle [3] 158/14 183/21
                                                                                                                                                       41/8 41/24 44/7 44/21 45/2
                                                                             192/5
   143/5 150/8 163/12 170/25
                                                                                                                                                       45/3 45/12 46/22 48/1 48/2
48/3 48/23 48/24 48/24 48/25
                                                                           handled [3] 115/19 148/13
   172/17 172/20 173/23 179/7
                                                                             152/4
                                                                           handles [1] 115/15
handling [3] 106/5 107/7
                                                                                                                                                       48/25 49/19 51/9 51/9 51/11
government's [4] 7/14 90/12 96/23 115/13
                                                                                                                                                        58/13 58/19 58/21 58/21 59/5
                                                                                                                                                        59/10 59/11 63/20 67/11
governs [1] 11/4
grabs [1] 33/9
granite [1] 198/2
grant [1] 157/11
granted [1] 159/13
granular [6] 62/17 76/1
76/10 78/22 79/3 80/24
                                                                            128/23
                                                                           happen [9] 7/16 52/22 94/17 128/20 129/7 129/9 167/5 167/6 186/17
                                                                                                                                                       68/11 68/13 68/13 68/14 74/8
74/12 77/17 78/2 78/5 78/5
                                                                                                                                                       89/25 89/25 90/1 90/4 100/15
                                                                                                                                                       101/19 101/22 101/22 104/1
106/16 107/7 107/10 107/11
107/16 107/16 107/18 107/18
108/18 108/20 110/6 110/18
                                                                           happened [3] 39/17 169/9
                                                                             186/17
                                                                           happening [3] 79/18 104/1
                                                                             169/10
granularity [1] 46/16
grapple [1] 112/12
grateful [1] 101/25
                                                                                                                                                       112/15 113/19 113/23 122/18
127/13 127/15 127/16 127/22
128/5 128/6 128/7 128/10
                                                                           happens [3] 40/19 43/2 54/17
happy [7] 3/5 4/9 78/9 98/9
129/21 153/3 174/20
graterul [1] 101/25
gray [1] 151/14
great [2] 80/17 196/24
greater [1] 106/12
green [1] 53/1
Greenbelt [2] 1/4 1/20
ground [12] 45/16 52/20
79/18 80/24 89/20 115/19
                                                                                                                                                       128/10 128/11 128/12 128/12
128/17 128/20 128/23 128/24
128/25 128/25 129/7 129/7
129/8 131/1 131/4 131/9
131/24 131/25 132/1 132/8
                                                                           hard [3] 77/20 83/10 133/23
Harris [12] 26/1 26/11 26/12
31/20 31/23 31/25 139/20
139/25 140/3 141/1 171/7
                                                                             171/21
                                                                                                                                                       132/11 132/16 132/23 133/15
132/11 132/16 132/23 133/15
134/15 136/10 136/11 157/10
158/6 158/7 158/7 158/7
158/9 159/21 159/22 159/23
161/25 164/3 172/1 172/14
176/6 179/22 181/3 181/15
183/10 184/11 184/13 184/13
                                                                           has [115] 4/21 5/3 5/7 14/18
17/10 18/8 19/19 27/24 29/11
34/5 34/24 37/16 37/20 37/23
   115/21 154/6 168/25 170/15
171/24 177/5
                                                                             38/18 39/5 42/1 42/2 42/22
46/9 49/11 49/13 52/1 54/2
group [1] 63/2
guess [22] 25/13 71/25 73/7
73/14 96/11 107/12 115/7
115/9 115/11 115/25 129/12
                                                                             54/3 55/5 55/25 55/25 57/19
58/2 58/16 58/21 59/25 62/8
63/11 64/2 66/5 67/18 68/4
                                                                                                                                                       184/18 184/19 184/20 184/25
184/25 185/2 185/2 185/5
145/10 149/22 154/10 154/10
154/11 156/9 157/5 157/16
157/21 157/22 160/21
guessed [1] 116/2
                                                                             69/18 70/9 71/1 71/15 72/13
                                                                                                                                                     185/7 185/12 185/16 185/20

186/4 186/23 186/25 187/1

187/3 188/22 191/9

he's [15] 22/25 23/1 36/7

59/6 67/2 101/19 133/14

136/7 143/23 161/23 164/1

167/15 177/13 180/15 181/13
                                                                             72/16 73/3 74/16 79/20 80/23
                                                                             81/6 81/21 83/12 88/25 89/8
89/13 90/14 90/20 90/24 91/5
guesseu [1] 116/2

guidance [13] 28/3 42/24

45/7 54/25 56/22 146/20

148/12 148/22 149/3 150/5

168/21 181/12 184/12

guide [2] 174/10 191/4

guided [1] 18/6

gun [2] 135/17 135/20
                                                                             93/11 93/16 93/22 98/7 98/11
                                                                             99/9 99/16 99/20 103/19
104/23 106/17 110/19 111/5
112/14 114/20 116/1 123/7
                                                                             124/4 126/24 136/18 141/16
144/14 147/8 147/15 149/12
                                                                                                                                                      head [3] 81/20 114/5 124/3
                                                                                                                                                     headquarters [2] 66/17 66/20
 gun [2] 135/17 135/20
```

```
H highlight [1] 145/22
health [13] 8:05/13d35/2083-RW highlighting [1] 68/8
39/19 39/24 316/5 132/20
77/11 77/21 116/5 132/20
                                                                                                                              hundred [2] 136/11 172/24
                                                                                                                            hundreds [4] 12/16 12/16
1.62/Page/215 of 235
                                                              him [16] 37/11 37/12 49/3 58/9 59/11 68/12 107/8 108/23 109/10 109/22 112/20 128/19 160/1 179/25 184/9
                                                                                                                              hunt [1] 10/20
  77/11 77/21 116/5 122/18
                                                                                                                              hypothetical [1]
                                                                                                                                                                84/3
  132/15
hear [11] 8/15 15/25 15/25 42/6 57/23 57/25 60/9 69/14
                                                                                                                              I'd [7] 13/10 96/19 120/9 142/22 191/12 195/7 195/13
                                                                 187/22
                                                              himself [2] 68/13 163/1
hired [2] 189/11 189/16
hiring [2] 140/13 189/12
his [75] 6/2 35/15 35/17
35/24 35/25 36/13 37/29
  102/11 187/14 193/23
heard [48] 37/11 39/21 39/22 40/8 48/20 48/22 49/11 49/13
                                                                                                                              1'11 [21] 13/8 16/5 18/2
18/20 18/21 20/6 24/20 27/16
28/23 34/14 52/17 77/25
  49/17 51/20 54/10 56/4 59/16
  60/12 60/15 65/11 65/16
67/21 68/4 68/25 71/10 71/12
                                                                                                                                81/18 88/18 101/17 103/4
                                                                 36/10 36/13 37/13 37/20
41/25 42/12 44/1 46/22 48/23
                                                                                                                                105/13 112/13 156/5 160/18
  75/13 75/13 78/19 78/22
82/24 89/15 97/10 99/4 100/6
                                                                                                                                192/5
                                                                                                                             I'm [43] 3/7 10/16 10/20
10/25 11/19 22/10 49/1 58/1
63/24 66/14 75/25 82/7 82/8
86/6 91/24 98/9 98/19 100/24
103/3 106/25 111/1 120/12
138/15 143/22 143/23 150/13
                                                                 48/25 49/3 49/4 49/4 49/18
  102/13 102/16 114/24 131/1
                                                                 49/19 58/4 58/14 58/15 59/9
  133/3 134/1 138/2 154/21
                                                                 63/12 63/12 63/13 66/19 67/2
67/7 67/25 93/6 100/13
103/14 107/6 107/14 107/15
   156/19 159/6 164/10 185/25
  186/9 191/8 191/21 193/10
  194/4
                                                                 108/15 108/18 108/20 112/23
122/20 127/12 127/14 127/15
127/18 127/22 128/5 128/14
hearing [17] 1/8 11/22 34/22 36/6 41/19 50/1 65/25 98/19 100/12 100/22 101/4 139/3
                                                                                                                                154/16 157/9 160/11 160/12
163/1 168/14 174/17 174/21
                                                                 128/16 128/19 128/19 128/21
                                                                                                                                177/23 178/14 183/11 183/12
  139/10 139/19 178/12 194/14
                                                                 129/2 132/10 132/23 134/2
                                                                                                                                184/9 187/13 192/10 196/8
  199/7
                                                                 134/2 134/3 134/21 145/20
159/24 162/1 167/8 167/10
171/5 181/7 184/10 184/11
                                                                                                                                197/25
hearings [1] 35/6
hearsay [4] 9/7 10/4 11/16
                                                                                                                              I've [15] 12/7 12/12 14/12 53/25 59/22 86/19 91/16
  12/17
                                                                 184/11 185/22 187/23
                                                                                                                                150/14 172/24 188/10 192/12
heart [1] 16/1
heat [2] 82/22 99/4
heavily [2] 113/14 137/1
heavy [1] 165/15
held [4] 21/19 27/4 27/6
                                                               historic [1] 41/3
history [7] 29/3 74/23 87/13
87/15 149/8 149/12 184/7
                                                                                                                                194/22 196/17 196/22 197/24
                                                                                                                             I.G [2] 178/3 193/5 idea [9] 44/24 58/21 61/2
                          113/14 137/1
                                                               hit [3] 119/4 167/11
hmm [1] 143/23
ho [2] 184/7 184/13
hoc [1] 89/12
                                                                               119/4 167/11 198/5
                                                                                                                                61/4 61/19 62/1 96/20 113/10
                                                                                                                                125/9
  147/9
                                                                                                                              identified [10] 12/13 12/21
46/25 69/1 70/12 81/2 81/25
help [8] 11/11 136/16 137/7 160/13 174/22 178/13 183/23
                                                              hold [1] 27
holding [6]
31/24 32/5
                                                                                                                                94/4 135/11 177/2
                                                                                    27/5
  188/25
                                                                                         26/11 28/5 31/23
                                                                                                                              identifies [3] 53/1 53/23
helpful [4] 4
169/15 174/23
                          4/12 62/23
                                                                                      171/7
                                                                                                                                54/23
                                                               honor [420]
Honor's [5]
                                                                                                                              identify [6] 10/18 124/14
127/24 148/22 184/7 194/14
IEDs [1] 36/25
helping [1] 164/1
                                                                                          11/23 12/10 13/4
                   50/12 103/14 182/20
her [3]
her [3] 50/12 103/14 182/20
here [102] 9/20 15/9 16/13
16/22 18/9 18/19 19/3 20/2
20/18 22/14 24/10 25/24
27/21 27/22 28/6 28/9 28/21
29/23 30/5 30/10 30/17 32/4
33/23 35/18 36/6 38/3 39/6
40/24 41/24 42/21 46/15
46/18 48/7 52/5 52/21 53/1
53/11 54/23 57/9 58/7 59/9
66/9 69/9 74/3 75/20 78/5
79/9 80/5 82/16 86/20 87/21
                                                                 51/2 192/3
                                                                                                                              IEDs [1] 36/25
ignore [6] 85/10 85/11 86/16
100/17 144/25 185/1
                                                               HONORABLE [1] honored [1]
                                                                                          171/23
                                                                                  17/24 196/13
                                                                                                                              ignored [1] 85/9
III [26] 19/1 19/21 20/1
                                                               hope [2]
                                                              hope [2] 17/24 196/13
hopefully [2] 58/25 196/19
hostile [1] 102/5
hostilities [2] 56/25 84/22
hour [5] 3/9 136/10 152/17
158/20 174/15
                                                                                                                              III [26] 19/1 19/21 20/1 24/2 24/15 26/3 41/4 42/20 42/22 50/23 55/13 56/14 75/4 112/25 117/6 119/15 125/23
                                                                                                                                138/11 139/20 139/25 141/1
                                                                                    35/19 37/13
95/18
                                                               hours [2]
House [1]
                                                                                                                                141/1 142/6 176/2 180/23
181/22
                                                               housekeeping [1] 1 housekeeping [1] 190/13
  79/9 80/5 82/16 86/20 87/21
                                                                                                                              ill [3] 115/20 115/22 115/23 ill-advised [3] 115/20
  89/1 89/10 90/14 90/14 90/17 90/20 90/23 92/23 93/10 93/21 94/25 95/6 96/8 96/19 98/22 99/1 104/5 107/4 108/24 118/14 120/10 120/20
                                                               housing [1] 190/13
how [93] 11/12 13/11 20/10
20/14 20/15 20/16 25/19
                                                                                                                             ill-advised [3] ---,

115/22 115/23

Imagine [1] 85/14

immaterial [1] 31/17

immediate [1] 167/9

immediately [1] 48/1

immigration [1] 87/2

immune [1] 118/4

---- [1] 18/4
                                                                 25/20 33/18 34/8 36/13 37/1
                                                                                                                                                               31/17
                                                                 38/20 38/20 42/2 42/8 43/20
  121/7 121/25 126/23 129/20
135/1 136/8 141/15 141/15
144/13 150/1 158/6 158/18
                                                                 45/14 47/15 48/1 48/24 50/25
51/10 52/19 54/16 55/18
                                                                                                                                                                48/19
                                                                                                                             immigration 1.5 immune [1] 118/4 immunity [1] 187/15 impact [1] 32/20 impacting [1] 16/16 impermissible [1] 72/24 implement [2] 48/8 71/20 fill 45/15
                                                                                                                                                                 87/22
                                                                 57/23 59/10 61/3 64/6 64/13
  162/22 163/18 167/6 167/25
                                                                 65/17 71/9 73/3 74/22 75/2
  169/10 170/1 177/12 177/14
178/15 184/8 186/11 187/17
187/19 188/12 196/1 197/24
                                                                 75/4 79/8 80/14 85/10 96/8 97/13 103/8 103/10 103/11
                                                                108/6 110/4 110/5 110/8
110/15 111/10 112/14 114/21
115/13 117/23 121/15 122/4
125/19 128/2 129/9 131/20
134/6 134/23 134/25 137/16
  198/5
here's [2]
hereby [1]
hereto [1]
                         50/24 141/16
                                                                                                                              implementation [1] 45/15
implemented [1] 36/2
implementing [2] 38/8 51/2
implicate [3] 56/20 79/21
                         199/5
                         199/15
                                                                                                                                                                   38/8 51/1
herring [3]
                        70/25 70/25
                                                                 137/17 138/10 138/23 141/8
                                                                 143/16 146/4 146/6 146/13
146/17 148/12 152/3 153/12
153/24 153/25 157/3 158/14
159/17 159/19 161/23 164/2
  82/25
                                                                                                                                157/24
Hersch [3] 48/22 52/13 184/7
Hersh [3] 49/7 66/1 184/5
                                                                                                                              implication [1] 62/6
importance [2] 45/25 152/19
important [27] 24/7 40/22
                161/2 161/6
hi [2]
hi-tech [2] 161/2 161/6
hidden [1] 186/11
high [8] 20/19 42/17 42/22
48/3 63/12 79/15 136/14
                                                               164/4 171/19 181/20 182/17
183/25 184/4 187/5 189/17
however [4] 25/10 72/6 130/7
                                                                                                                               43/3 47/10 47/11 48/17 50/2
59/5 66/19 67/10 70/11 74/7
74/8 74/24 94/20 96/4 98/19
                                                                                                                                98/20 98/21 116/18 121/13
                                                                 137/4
  136/22
                                                               huge [2] 12/16 112/7
                                                                                                                                122/11 129/20 142/5 181/18
highest [1] 55/14
```

```
I initiates [1] 43/22 | 161/23 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24 | 16/24
                                                                                                                                                                                                    Interage 419 Obcassintermediate [1] 75/18 internal [1] 146/24 International [1] 35/12 internationally [1] 68/14 internationally [1] 68/14 interpret [2] 108/17 111/11 89/12
                                                                                                  injects [1] 39/22
injuries [6] 20/5 23/14
26/10 64/15 95/6 95/10
input [1] 159/9
inquiry [7] 20/12 24/18
24/22 56/5 56/9 56/11 135/9
insecure [1] 162/7
inside [5] 97/22 158/11
165/24 166/12 167/21
insist [1] 100/24
   192/22
importantly [2] 76/22 119/25
impose [3] 98/4 101/23 102/4
                                    \begin{bmatrix} \check{1} \end{bmatrix}
                                                    16/19
21/21 23/20
 imposition
 impossible
 inadequate [1]
                                                     178/7
                                                                                                                                                                                                                                                              89/12
30/25 58/22
                                                                                                                                                                                                       interpretation [1]
inappropriate [5] 15/23 96/9
103/10 103/12 128/19
INC [2] 1/3 199/8
                                                                                                                                                                                                       interpreted [2] interpreter [1]
                                                                                                                                                                                                                                                              166/19
INC [2]
                                                                                                                                                                                                                                                                 168/14
                                                                                                                                                                                                       interrogated [1]
incident [1] incidents [1]
                                                                                                  insist [1] 100/24
insofar [2] 16/10 33/15
inspection [1] 158/19
inspections [4] 50/22 51/12
176/22 177/11
                                           140/18
                                                                                                                                                                                                       interrogation [4] 1
166/22 168/9 168/15
                                                                                                                                                                                                                                                                     166/18
                                             193/17
incinerate [1] 147/25
incineration [1] 151/23
incinerator [8] 5/9 5/11
75/24 108/10 129/19 148/1
                                                                                                                                                                                                       interrogations [2] 168/5
                                                                                                                                                                                                         170/7
                                                                                                                                                                                                       interrogator [2] 168/6
                                                                                                   Inspector [1] 177/12
inspectors [1] 84/10
installation [1] 27/
                                                                                                                                                                                                         168/20
   148/10 148/20
                                                                                                                                                                                                      interrogators [1] 168/5
interrupt [3] 123/6 144/4
                                                                                                                                                        84/10
incinerators [19] 5/7 5/12 6/13 6/15 7/4 7/19 61/9
                                                                                                                                                              27/3
                                                                                                   installed [1] 130/4
instance [9] 7/10 7/13 61/
61/14 100/14 104/11 136/18
146/9 155/14
   64/24 65/16 68/15 69/21 88/5
97/15 129/16 129/18 130/1
130/3 130/13 130/17
                                                                                                                                                                                                         158/2
                                                                                                                                                  7/10 7/13 61/13
                                                                                                                                                                                                      Interspersed [1] 135/19
intertwined [3] 25/4 74/2
                                                                                                                                                                                                         74/15
include [8] 21/6 103/16
147/5 148/3 148/6 151/13
154/22 155/11
                                                                                                   instances [4]
112/8 133/8
instead [5]
118/1 147/23
                                                                                                                                                                                                       intervals [1]
                                                                                                                                                  62/15 98/6
                                                                                                                                                                                                                                                       52/11
                                                                                                                                                                                                      introduced [1] intrusive [1] intuitive [1]
                                                                                                                                                                                                                                                       95/14
99/13
included [12] 26/22 31/12
70/23 113/6 114/15 136/3
150/20 152/5 155/16 155/19
156/22 170/22
includes [7] 64/23 74/12
88/11 96/1 121/24 171/8
                                                                                                                                            46/13 56/4 77/3
                                                                                                                                                                                                                                                        99/22
                                                                                                   institute [1] 97/17
institution [2] 42/12 63/4
institutions [2] 41/5 41/15
instruct [2] 40/20 61/21
instructed [3] 55/18 58/9
                                                                                                                                                                                                      involved [11] 23/18 28/1 28/16 34/2 76/16 113/22 115/1 129/8 137/13 137/16
                                                                                                                                                                                                         137/17
                                                                                                                                                                                                     involvement [1] 130/11
involves [2] 27/21 145/14
involving [2] 27/3 85/1
Iraq [41] 5/20 36/18 36/24
39/25 40/3 44/13 48/10 56/16
   181/13
                                                                                                      61/24
including [13] 5/24 6/21 7/3 7/3 7/4 50/21 60/16 79/24 92/23 99/3 99/9 127/1 148/13
                                                                                                   instructing [2] 5/4 62/2
instruction [8] 40/20 120
129/6 138/4 143/14 143/15
                                                                                                                                                      5/4 62/2
40/20 120/14
inconsistencies [1]
inconsistency [1] 1
inconsistent [2] 39
incorporated [2] 57
                                                                   148/19
                                                                                                                                                                                                         56/21 57/1 57/3 57/11 57/13
61/23 78/3 101/15 104/13
104/18 106/6 107/6 107/10
                                                                                                      184/12 187/4
                                                              148/22
                                                                                                   instructions [9] 38/11 99/16
117/20 119/11 137/11 158/14
158/22 159/7 160/1
instructive [1] 189/10
instructs [3] 47/4 53/9
                                                           39/2 114/17
                                                           57/18 155/4
                                                                                                                                                                                                         107/21 113/7 120/1 127/1 128/21 129/17 130/11 142/2 142/3 144/15 150/2 150/3 150/20 151/10 152/3 155/24
incorporated [2] 37/18 133/4
incorporates [1] 112/20
incorrect [1] 72/7
incredibly [1] 97/12
indeed [9] 65/13 75/23 76/10
77/17 79/6 82/3 86/3 98/17
                                                                                                      105/16
                                                                                                  105/16
insurgency [1] 67/13
insurgents [1] 165/20
integrate [1] 165/24
integrated [14] 5/17 30/12
30/22 143/10 165/4 168/15
169/6 169/18 170/10 172/25
173/20 176/4 182/22 189/3
integrating [1] 169/1
integration [16] 5/15 17/20
30/19 31/1 31/4 32/7 32/11
33/5 87/18 118/11 118/12
                                                                                                                                                                                                         156/22 172/5 173/1 191/8
:raqi [4] 35/10 37/6 48/14
                                                                                                                                                                                                       Iraqi [4]
126/25
   100/18
independence [1] 123/25
independent [17] 17/21
114/20 116/13 117/24 122/2
123/19 161/19 161/20 165/9
166/7 166/11 171/22 176/20
184/16 186/13 189/25 190/9
                                                                                                                                                                                                      irrational [1] 34/8 irrefutable [1] 73/1 irrelevant [4] 12/24 22/17
                                                                                                                                                                                                          22/20 91/7
                                                                                                                                                                                                       irrespective [1] 28/7
                                                                                                                                                            5/15 17/20
                                                                                                                                                                                                       is [549]
independently [1] 171/11
indicated [4] 92/22 94/23
106/16 188/22
                                                                                                                                                                                                      Island [7] 4/14 93/7 119/2
119/22 121/17 126/1 150/22
isn't [11] 28/6 82/18 83/5
103/9 136/24 140/16 140/21
                                                                                                                                                                                                                                            4/14 93/7 119/21
                                                                                                      33/5 87/18 118/11 118/12
139/11 166/25 168/11 169/11
indicates [1] 105/9
indicia [2] 31/1 31/1
indirect [1] 83/7
indiscriminate [1] 121/3
indiscriminately [1] 132/1
individual [6] 6/18 32/1
137/11 176/7 179/21 179/21
individual izad [1] 163/9
                                                                                                      192/8
                                                                                                    integrity [3] 123/22 182/11
184/16
                                                                                                                                                                                                         155/24 156/12 178/21 187/2
                                                                                                                                                                                                       issue [76] 5/11 8/13 8/24
9/7 19/20 22/2 23/19 29/23
                                                                                                  intend [2] 14/12 86/24
intending [1] 91/11
intent [23] 38/20 38/24 39/1
39/16 40/21 41/21 44/25
45/15 48/6 48/9 49/23 51/1
                                                                        132/10
                                                                                                                                                                                                          31/13 31/22 33/1 33/18 34/1
                                                                                                                                                                                                          34/9 42/8 43/25 46/25 47/6
                                                                                                                                                                                                         48/2 54/11 55/10 58/18 62/1
63/24 64/16 64/16 65/5 67/19
individualized [1] 163/9 individuals [4] 41/5 49/20
                                                                                                      52/19 54/4 60/7 60/9 60/13
61/22 71/20 71/24 92/16 93/4
                                                                                                                                                                                                         68/5 68/6 70/7 70/11 70/19
70/25 70/25 74/3 74/5 74/24
75/15 75/23 78/14 81/2 81/3
81/6 81/23 81/25 83/5 84/21
indulge [1] 195/25
inevitable [1] 72/18
inextricably [1] 74/
                                                                                                      93/12
                                                                                                   intention [1] 148/5
interact [1] 146/14
interaction [1] 188/14
interactive [1] 46/10
                                                          74/2
                                                                                                                                                                                                          85/14 87/8 87/15 88/10 89/3
                                            36/21 108/21
78/10
infantry [2]
informal [1]
                                                                                                                                                                                                          96/12 106/14 110/1 110/2
                                                                                                                                                                                                         127/13 134/12 134/14 139/18
139/23 139/24 141/3 147/16
information [6] 10/4
36/3 40/1 54/6 104/15
                                                       10/4 12/17
                                                                                                    interest [4] 150/8 178/18
                                                                                                                                                  74/1 96/14
                                                                                                                                                                                                         153/20 163/4 164/16 166/17
169/10 169/22 179/2 179/13
informed [3]
                                           77/17 104/12
                                                                                                   interesting [2] 65/18 18
Interestingly [2] 64/20
                                                                                                                                                        65/18 184/24
   123/19
                                                                                                                                                                                                      183/3 185/19 185/22
issued [6] 46/5 60/7 66/16
101/5 117/7 150/3
inherent [1] 41/10
inherently [1] 16/20
initial [5] 17/10 45/6 148/2
154/19 164/7
                                                                                                      67/22
                                                                                                   interests [5] 16/11 16/21 25/4 74/2 74/15
                                                                                                                                                                                                       issues [51] 8/24 10/6 10/23 10/23 11/17 11/25 13/16
                                                                                                    interfere [3] 96/23 125/12
Initially [1] 35/1
```

```
34/14 34/15 63/11 63/14
                                                                                                                                90/15 90/22 95/23 96/18
issuescase $4.09 -13/202053-RW T69/Dioc 69/101014 File di 203/22/1 125/201201/201203/2 138/3
                                                                                                                                142/19 156/25 158/15 159/11
                                                                 77/25 82/2 82/10 83/3 84/9
   37/14 38/23 43/2 53/2 54/6
                                                                                                                                 160/4 164/12 164/13 164/14
                                                                 88/14
  56/13 57/24 59/5 59/13 59/14
64/20 64/22 65/4 65/20 66/7
68/12 70/13 72/19 74/20
                                                               joint [2] 135/23 179/11
jointly [1] 189/13
judge [11] 1/9 29/6 49/18
62/4 63/3 63/5 63/8 63/15
                                                                                                                                164/16 165/3 173/16 176/11
178/19 179/11 179/24 179/25
                                                                                                                                180/11 180/24 181/13 185/5
185/14 185/16 186/3 187/19
  78/11 79/7 79/12 80/23 81/1
  81/11 81/19 82/25 100/15
139/9 158/24 160/3 163/14
170/1 182/13 191/5 193/16
                                                               63/19 63/20 89/24
judged [2] 90/5 90/16
judges [1] 196/15
judgment [12] 17/12 17/15
17/16 17/17 21/16 73/7 105/3
                                                                                                                                 192/19
                                                                                                                              keep [3] 36/13 123/18 186/3
keeping [1] 95/2
kept [1] 130/13
Kerns [4] 11/3 12/22 32/24
32/25
                                                                                                                                                   36/13 123/18 186/7
  196/4
it [383]
it's [140] 12/19 13/1 16/1
18/15 18/18 18/24 19/9 20/3
22/20 23/5 26/13 27/18 27/20
                                                                 115/12 115/13 151/2 155/11
                                                                                                                              Kevlar [1] 49/4
key [44] 3/25 5/10 5/23 7/7
13/14 15/2 15/7 16/14 17/22
18/2 18/20 21/4 27/13 29/22
                                                                 156/13
                                                               judgments [26] 15/24 16/3
16/17 16/25 21/3 21/20 21/23
23/18 23/23 25/14 25/15
28/17 32/19 32/21 67/3 73/8
88/11 88/23 90/18 90/22 98/6
  28/8 29/21 30/1 30/2 30/9
30/9 31/24 33/6 34/7 34/8
34/22 35/18 38/4 38/5 39/9
                                                                                                                                29/23 31/1 31/1 32/10 36/8
  39/10 41/7 41/10 42/24 43/5
                                                                                                                                60/4 64/10 64/19 64/20 64/22
  43/16 43/17 53/8 53/18 55/10
                                                                 102/1 145/11 157/5 157/17
178/20
                                                                                                                                65/4 65/6 68/15 71/7 72/10
72/11 72/15 72/20 72/22 74/3
  57/11 60/24 61/4 62/23 70/25
71/2 71/13 71/14 71/20 71/21
                                                               judicial [4]
28/14 96/9
                                                                                                                                74/8 74/20 75/18 75/19 75/21
                                                                                           15/23 21/24
  73/4 73/11 73/16 74/24 78/14
                                                                                                                              78/25 79/2 88/9 88/15 88/21

keystone [1] 102/22

KIES [2] 1/17 3/15

kind [7] 20/9 78/10 79/10
  80/3 80/11 81/16 82/6 82/16
                                                               judicially [4]
115/11 135/11
                                                                                               115/6 115/8
  83/19 87/10 90/14 92/14
92/14 95/24 96/12 96/13
                                                               judiciary [1]
July [1] 128/
jump [1] 30/1
                                                                                              73/14
  101/12 107/12 109/2 109/3
                                                                                    128/25
                                                                                                                                79/10 80/24 155/9 174/4
  111/14 116/6 116/13 117/13
117/17 117/20 118/13 119/17
120/25 121/10 121/10 121/12
                                                                                                                              kinetic [1] 36/23
Kirk [2] 4/3 6/23
knew [10] 40/2 111/2 117/5
                                                               jump [1]
juncture [2]
                                                                                    30/16
                                                                                            11/7 187/9
  123/9 124/6 124/10 124/12
                                                                                                                                117/6 132/11 132/16 137/22
149/23 150/3 184/11
know [64] 4/18 9/8 24/11
27/10 29/12 33/22 35/24
                                                               jurisdiction [7] 10/24 17/8 34/6 64/1 81/21 85/5 102/2 jurisdictional [8] 10/22 11/13 34/1 48/12 59/5 81/19
                                                                                                    10/24 17/8
   124/25 128/16 129/4 131/3
  131/4 134/13 134/21 136/12
136/12 136/21 138/6 138/6
138/7 138/7 139/16 140/5
142/8 148/9 154/6 155/3
155/8 155/15 158/25 158/25
159/1 159/1 159/12 160/24
                                                                                                                               know [64]
                                                                                                                                 37/10 39/13 47/18 48/8 49/11
                                                                 94/10 178/22
                                                                                                                                58/7 58/24 58/25 60/3 62/2
62/5 65/22 66/11 66/11 70/8
70/10 71/12 73/19 80/8 83/14
85/19 88/3 91/3 92/23 97/14
                                                               jurisdictionally [3] 4/16
                                                               7/2 8/5
jurisprudence [1] 20/8
just [100] 3/7 11/22 13/10
14/24 15/10 17/14 18/1 19/1
19/10 20/6 24/14 27/11 30/5
31/19 31/20 32/24 34/20 39/3
  161/17 163/10 164/6 166/6
   167/16 168/1 168/1 168/10
                                                                                                                                100/20 105/13 107/10 110/19
112/15 125/14 127/6 128/4
  168/16 170/3 170/6 170/6
170/7 170/15 170/16 174/4
177/23 181/25 182/10 184/5
                                                                                                                                128/10 128/12 129/13 131/15
                                                                                                                                136/12 138/10 144/8 146/17
149/15 153/19 154/2 156/7
160/20 162/20 164/1 165/10
174/12 182/17 183/7 183/23
188/6 191/18 192/12 194/3
195/1 196/20
item [1] 47/9
                                                                 42/20 46/13 46/16 48/3 50/13
50/18 52/2 52/10 53/25 55/4
55/16 55/24 58/22 59/24
61/14 61/19 63/2 64/2 64/18
items [5] 65/3
133/5 151/21
                      65/3 97/18 132/22
                                                                 64/25 66/13 66/22 67/23
72/25 74/7 75/25 76/1 76/3
76/4 77/25 80/20 80/21 81/9
82/25 83/3 85/25 88/18 93/5
93/14 96/19 97/2 97/12
                                                                                                                              184/4 188/21 189/17 191/15
knowing [2] 149/12 149/25
knowledge [15] 4/21 4/24
7/15 82/5 111/22 114/9
its [50] 17/11 24/20 29/10 31/15 31/23 38/11 46/7 56/9 76/19 79/22 80/14 80/14
                                                                                                                                 114/11 127/9 127/10 127/11
  81/13 81/20 85/21 96/10
96/24 96/25 97/20 98/24 99/5
106/17 113/4 115/17 134/5
                                                                 101/17 102/13 121/10 123/11
125/18 133/1 133/7 138/18
139/6 140/18 143/11 144/1
                                                                                                                                 129/1 129/3 133/16 173/22
                                                                                                                                 173/23
                                                                                                                              known [3] 101/22 150/24
  136/19 136/21 140/24 141/10
142/11 143/4 149/1 155/8
                                                                 144/6 145/22 151/7 152/23
                                                                                                                                158/24
                                                                                                                              knows [7] 65/8 117/23 164/3 178/14 183/16 183/16 197/12 Kuwait [1] 57/2
                                                                 154/19 156/24 158/25 164/5
  159/18 166/10 171/6 173/8
                                                                 170/16 171/23 172/10 173/2
173/3 174/18 176/10 180/5
  173/10 175/1 175/4 175/10
175/12 175/14 175/17 189/16
190/3 190/5 190/7 190/9
                                                                 186/9 187/17 188/6 191/17
                                                                 192/17 193/14 195/9 195/19
195/25 196/8 196/15 197/12
ust_trying [1] 196/8
  190/14
                                                                                                                              labor [1] 122/7
lack [13] 12/5 22/5 25/25
33/12 83/3 89/4 126/22 134/2
134/3 177/19 179/18 179/19
                                                               just trying [1] 196/8
justiciability [1] 187/16
justiciable [9] 27/5 28/7
64/3 81/14 86/4 140/25
141/12 141/14 154/1
  tself [14] 8/7 20/19 20/20 31/13 38/16 42/20 45/18 53/7
 itself
                                                                                                         187/16
  81/12 85/21 89/7 106/19
  162/18 178/9
                                                                                                                                187/16
                                                                                                                              lacked [1] 31/15
lacks [1] 102/2
land [3] 16/10 59/7 60/20
landed [1] 48/1
landfills [3] 68/16 151/23
JAG [1] 150/14

JAMES [2] 1/11 3/23

January [1] 191/15

JARB [2] 53/6 76/23

Jim [1] 50/2
                                                               KBR [392]
KBR's [75] 3/11 4/1 4/7 7/24
14/22 14/25 17/6 19/21 19/24
                                                                 20/4 21/22 23/12 23/12 25/5
                                                                                                                                151/25
job [18]
                    85/21 95/13 95/21
                                                                 40/1 40/5 40/12 41/2 43/5
43/22 45/17 47/16 49/5 49/9
49/17 50/19 50/25 51/20 52/7
                                                                                                                              landscape [1]
Lane [1] 1/20
                                                                                                                                                             14/25
   110/4 128/14 128/16 134/6
                                                                                                                               Lane [1]
  141/21 142/20 146/17 146/18
156/17 164/12 167/3 176/2
                                                                                                                              language [14] 30/6 30/8
44/24 57/6 96/21 139/21
139/23 141/17 147/9 151/10
                                                                 53/16 55/20 59/15 66/25
70/15 70/17 78/13 79/4 80/13
184/24 187/5 196/24

JOHNSON [22] 1/16 2/5 13/22
```

```
93/13 96/12 96/13 105/24
                                                                                                                                                                   4/15 4/18 4/19 5/1 5/4 5/11
L | 35/13 90/12 90/13 109/9 | 5/23 7/1 37/20 | 5/23 7/1 37/20 | 152/20 153/22 155/19 2083-RW | T11D/000ument 4801/hited133t22/hiteehage 218 05 285 | 119/21 | 119/21 | 119/21 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 | 120/1 
large [3] 12/15 83/22 163/13 largely [2] 68/24 111/13 larger [1] 107/4 last [23] 8/15 9/1 9/8 9/22
                                                                                                                                                                   112/25 117/4 117/6 119/15
                                                                                   179/11
   10/14 14/20 15/5 19/15 23/10
                                                                                 liaison [1] 49/19
                                                                                                                                                                   119/23 119/24 125/1 125/2
  31/11 32/4 35/6 48/16 65/25
70/24 97/2 98/17 99/10
                                                                                lies [1]
lieu [1]
                                                                                                                                                                   125/5 125/8 125/22 127/20
128/5 128/11 128/13 133/15
                                                                                                           79/16
                                                                                                          71/7
   178/15 182/19 186/10 196/11
                                                                                                                                                                   136/2 138/11 139/20 139/23
                                                                                lieutenant [10] 5/19 5/2 6/1 6/9 6/14 36/22 101/9
                                                                                                                             5/19 5/21
   197/21
                                                                                                                                                                   139/25 141/1 141/1 141/6
 late [5]
                          3/13 5/2 58/24
                                                                                110/3 111/1 129/4
life [2] 18/14 111/22
lifted [1] 130/10
light [6] 6/9 15/3 15/5
                                                                                                                                                                   142/6 150/1 151/9 162/4
163/16 164/4 165/8 165/10
70/20 73/24
later [6] 3
  later [6] 3/8 13/8 122/1
150/11 152/24 153/20
atin [1] 73/19
                                                                                                                                                                   165/13 170/22 173/7 173/24
173/25 174/6 174/6 174/10
                                                                                light [6] 6/9 15/3 15/5
18/17 24/19 48/17
lightly [1] 63/17
like [54] 3/12 3/25 4/2 5/23
6/24 7/1 7/9 8/4 8/12 13/10
Latin [1] 73/19
latrines [1] 35/14
latter [1] 164/19
law [58] 13/1 13/15 13/24
                                                                                                                                                                   175/1 176/2 176/9 177/9
177/15 178/3 178/6 180/17
                                                                                                                                                                   180/23 181/21 181/22 185/13
                                                                                                                                                                   186/6
                                                                                                                                                               186/6
LOGCAP's [1] 161/9
LOGCAPS [1] 109/13
logistic [1] 128/23
logistical [2] 66/22 116/3
logistics [2] 39/20 191/14
long [13] 17/21 18/16 33/2
33/4 77/20 100/8 110/5
110/14 128/24 129/19 140/20
149/12 163/17
longer [2] 17/24 132/4
   14/2 15/7 15/9 15/25 16/9
                                                                                  18/9 19/1 49/6 52/11 63/13
64/13 71/2 71/12 80/20 80/21
84/23 95/6 97/3 105/16
  16/10 16/10 16/11 16/11
16/15 16/16 16/25 17/10
   17/12 18/6 18/21 27/7 31/2
                                                                                   112/17 117/3 119/10 122/23
  31/9 32/20 32/23 34/2 34/7 62/20 64/7 87/5 87/9 87/11
                                                                                  124/15 124/16 127/25 127/25
135/14 142/22 144/23 148/19
156/10 158/3 165/20 167/2
167/8 171/21 172/16 176/21
  87/13 87/16 91/10 91/14
92/11 92/21 95/2 95/23 96/2
  96/10 97/4 98/7 101/25
117/14 117/15 123/21 153/23
163/11 163/14 179/1 179/3
179/4 179/5 179/8 187/14
                                                                                   183/13 186/14 186/14 189/22
                                                                                                                                                                 longer [2]
look [69]
                                                                                   191/7 192/5 192/17 195/7
195/17 197/17
                                                                                                                                                                                                17/24 132/4
                                                                                                                                                                   ook [69] 11/14 12/7 12/12
12/14 19/9 20/10 20/12 20/13
                                                                                likely [1] 82/13
likewise [2] 95/22 100/22
limit [2] 20/19 20/20
                                                                                                                                                                  20/14 20/21 22/24 22/24
22/25 39/8 40/12 43/11 44/10
46/9 52/11 52/21 53/6 56/16
   191/1 197/19
laws [5] 5/14 30/23 102/4
129/11 148/17
                                                                                limitations [1] 36/1
limited [12] 102/23 106/9
lawsuit [2] 18/25 90/10
lawsuits [4] 18/8 18/11
18/11 95/2
                                                                                                                                                                   64/5 66/13 75/3 77/20 79/13
                                                                                  112/8 121/12 122/9 128/21
129/3 165/18 176/23 177/1
186/16 193/2
                                                                                                                                                                   79/13 79/15 79/17 97/3 104/7 107/3 107/12 107/24 107/25 120/3 120/9 120/18 120/41
lawyer [1] 101/19
lawyer's [2] 101/2
lawyering [2] 89/2
lawyers [4] 84/14
104/3 162/5
                                   101/2 101/8
                                                                                   ine [9] 7/13 8/3 8/3 21/17 31/4 67/8 67/8 131/18 134/15 ines [7] 4/23 5/25 40/2
                                                                                 line [9]
                                                                                                                                                                   126/2 126/3 126/10 127/4
                                      89/11 196/21
                                                                                                                                                                   129/9 135/13 135/14 136/8
138/16 140/5 145/24 147/17
                                                                               31/4 0//
lines [7] 4/23 5/23 /
41/24 42/7 104/9 182/20
links [1] 46/10
                                  84/14 98/23
                                                                                                                                                                   150/8 153/23 158/5 160/18
leaders [1] 38/6
leads [2] 45/3 45/4
leaning [1] 187/10
least [2] 169/21 196/14
leave [2] 95/3 144/6
                                                                                links [1] 46/10
liquid [1] 50/20
LISA [5] 1/12 1/19 199/3
199/19 199/20
                                                                                                                                                                   166/9 169/9 170/13 170/14
                                                                                                                                                                   174/18 174/20 174/20 183/12
192/16 194/2 194/23 196/15
                                                                                                                                                                   197/3
                                                                                list [7] 4/6 10/9 18/1 66/4
197/7 197/11 197/14
listed [1] 4/4
                                                                                                                                                                 looked [9] 21/18 22/17 23 24/23 80/23 120/18 138/14
                                                                                                                                                                                              21/18 22/17 23/2
led [1]
                       102/6
LEDLIE [6] 1/11 2/9 9/23 143/19 145/5 152/12
                                                                                listed [1]
listen [2]
                                                                                                                                                                   160/2 181/10
                                                                                                                162/22 183/13
                                                                                                                                                                 looking [21] 3/8 20/17 21 31/7 31/7 76/9 85/25 91/4
                                                                                                                                                                                                      3/8 20/17 21/4
                                                                                listen [2] 102
listening [1]
literally [2]
lithium [1] 13
litigants [2]
litigated [1]
 left [4] 32/17 80/24 81/1
                                                                                                                        67/25
                                                                                                                        99/4 99/25
                                                                                                                                                                   126/8 138/18 143/22 146/1
legal [13] 8/20 11/22 13/15
14/25 17/4 72/18 80/10 84/17
85/6 116/21 116/25 125/4
                                                                                                                                                                   160/13 160/21 166/24 168/22
169/12 176/7 187/24 189/1
                                                                                                                  133/20
                                                                                                                        81/15 196/4
                                                                                                                        22/10
                                                                                                                                                                   192/10
   182/1
                                                                                                                                                                looks [2] 167/2 176/21
lost [3] 9/17 166/9 166/1
lot [13] 56/12 59/4 81/16
86/25 102/16 110/20 112/5
                                                                                litigating [1]
litigation [5]
94/17 199/8
                                                                                                                                                                                          167/2 176/21
9/17 166/9 166/10
56/12 59/4 81/16
                                                                                                                           94/19
length [5] 7 135/15 192/6
                               76/13 80/1 80/16
                                                                                                                          1/4 50/8 94/3
lengthy [1] 196/16
less [6] 59/11 59/12 79/24
                                                                                little [11] 18/3 23/6 28/24
30/16 38/17 43/5 44/11 56/11
129/19 137/7 150/14
live [3] 4/4 98/24 113/4
                                                                                                                                                                   127/10 163/14 174/11 186/19
99/12 99/13

let [20] 14/21 18/1 64/19

72/9 72/25 74/18 74/21 75/25
                                                                                                                                                                195/4 197/19
LOTD [3] 42/
LOTDS [3] 47
love [1] 73/
                                                                                                                                                                                          42/16 46/17 47/23
                                                                                live [3] 4/4
living [2] 8/
loaded [1] 12
local [1] 39/
locate [3] 38
locating [1]
location [19]
8/6 64/24 65/
                                                                                                               8/2 193/5
195/4
                                                                                                                                                                                            47/17 53/17 62/17
   76/1 77/2 77/3 84/18 96/25
                                                                                                                                                                                           73/10
  102/11 105/11 111/4 144/6
158/1 183/7 183/23
                                                                                                                                                                low [1] 161/5
low-tech [1] 161/5
lowest [2] 48/21 60/2
LSO [2] 151/22 152/1
                                                                                                                122/7
                                                                                                             39/21
let's [8] 13/7 66/13 77/2 77/3 82/25 135/13 137/6
                                                                                                                                                                                               48/21 60/21
                                                                                                                38/19_60/23 65/8
                                                                                                                    71/5
  138/16
                                                                                                                       6/12 7/3 7/18
                                                                                                                                                                lubricating [1] 133/20
lunch [3] 144/5 144/7 144/23
Luncheon [1] 145/3
 letter [4] 5/4 17/10 37/17
                                                                                  8/6 64/24 65/15 68/16 69/5
70/3 70/6 70/9 70/19 70/22
   37/21
letters [4] 45/24 45/24 46/2
                                                                                   75/23 88/4 97/8 100/5 100/15
   46/2
                                                                                   164/9
level [36] 16/19 20/20 42/17 42/23 48/3 48/22 49/5 55/14 60/21 62/17 75/18 75/19 76/1
                                                                                locations [2] 6/8 147/15
Lockhart [6] 59/1 59/2 59/2
59/3 59/15 60/21
                                                                                                                                                                machine [2] 199/5 199/13
made [79] 3/22 4/15 5/23 7/2
7/7 8/5 9/21 10/3 10/13
   76/8 76/10 76/11 77/11 78/22
                                                                                 Loehrl [12] 3/23 4/13 4/13
                                                                                                                                                                   16/18 18/16 19/18 19/20 21/5
   79/1 79/3 79/4 79/15 80/24
```

```
meaningfully [1] means [11] 9/11
                                                                   46/22 47/24 61/15 61/16
                                                                                                                                                                      29/20
made. C. 165 b: 091/11-62/083-RV T115 00 ument 480 Filed 03/22/1 84/13 go 2/15 22/14 22/14 23/23 82/8
                                                                manual [1] 144/21
manuals [1] 79/14
many [13] 22/6 40/4 48/20
51/24 65/19 65/19 93/24
                                                                                                                                   105/4 118/18 132/18 137/19
   23/9 23/11 27/13 32/10 35/23
                                                                                                                                meant [2] 34/23 52/10
measure [4] 83/23 87/18
169/8 172/20
   36/3 37/7 40/19 64/6 64/8
   64/10 65/14 65/14 65/15
   66/24 67/19 68/20 68/21
                                                                                                                                 measuring [1] 55/1
mechanical [1] 1/22
mechanism [1] 103/14
mechanisms [3] 51/12 95/25
                                                                   95/24 95/24 121/2 130/11
   70/21 71/19 72/3 72/11 72/14
                                                                137/3 195/2
map [2] 46/10
March [5] 1/9
199/9 199/16
  72/20 72/22 73/5 74/22 74/23
75/11 75/21 75/24 77/4 77/9
80/11 88/9 88/21 98/18 99/3
                                                                                   46/10 46/15
                                                                                       1/5 36/7 150/21
                                                                                                                                   96/7
  100/10 104/5 105/1 106/4
110/2 111/6 111/9 111/15
                                                                March 9th [1]
MARIANNE [2]
Marine [1] 63
Marines [1] 61
                                                                                                                                                    54/24 54/24 76/5
                                                                                                                                 Med [3]
                                                                                                 36/7
                                                                                                                                 medical [1] 148/3
medium [1] 39/1
                                                                                               1/17 3/15
  112/16 126/7 129/22 134/10
135/6 146/2 156/13 169/24
170/2 171/11 174/15 188/10
                                                                                          63/15
                                                                                                                                                       73/17 110/14
                                                                                                                                 meet [14] 73/17 110/14
114/21 120/8 120/18 120/22
                                                                                            63/16
                                                                mark [1] 161/1
marks [1] 39/13
Mary [8] 43/7 50/2 50/
52/1 54/19 56/17 63/17
Magistrate [1] 63/19
magnitude [1] 113/11
main [2] 59/17 87/2
mainly [2] 143/9 160/13
maintain [4] 143/6 146/1
                                                                                                                                   122/4 125/15 137/18 138/23
145/19 148/23 151/15 189/17
                                                                                               50/2 50/10
                                                                                                                                 meeting [3] 7/23 146/19
                                                                   125/21
                                                                                                                                   187/20
                              143/6 146/12
                                                                MARYLAND [4] 1/1 1/4 1/20
199/5
maintain [4] 143/6 146/12 161/13 165/8 maintained [2] 184/17 190/2 maintains [1] 123/25 maintenance [5] 24/6 25/9 27/3 141/4 193/1 major [5] 63/14 63/17 64/1 177/2 177/3
                                                                                                                                 meets [4] 76/9 79/6 159/18 161/25
                                  184/17 190/12
                                                                massive [2] 85/2 90/21
master [4] 56/17 70/5 100/18
                                                                                                                                melded [1]
member [1]
                                                                                                                                                           29/24
                                                                                                                                                          102/14
                                                                                                                                member [1] 102/14
members [6] 35/16 36/
49/8 55/13 185/12
members' [1] 39/19
memo [1] 47/3
memos [1] 197/3
men [1] 75/15
mentioned [6] 50/1 55
57/7 57/9 74/25 114/2
                                                                  151/16
                                                                                                                                                             35/16 36/14 49/8
                                                                match [3] 157/20 169/23 187/17
                                                                material [4]
133/13_169/22
                                                                                             41/20 75/16
majority [2] 106/7 185/16
make [42] 3/15 9/1 10/11
10/19 13/17 14/4 18/7 21/9
                                                                 materials [3] 132/11 132/14
                                                                  155/10
                                                                                                                                                                 50/1 55/16
  21/21 27/7 29/9 31/20 32/25
                                                                matter [24] 8/11 16/17 17/8 17/12 23/5 29/19 59/14 64/1 85/4 94/4 106/11 126/2 131/19 132/20 133/22 146/3
                                                                                                                                 37/15 38/14 64/2 65/6 71/16
                                                                                                                                                               142/3
  76/1 76/25 81/9 84/7 84/12
91/13 98/12 116/25 121/6
                                                                                                                                 menu [1]
mere [2]
                                                                                                                                                      79/21 133/7
   123/4 123/11 132/14 132/15
                                                                                                                                 merely [4] 57/11 118/8 122/7
                                                                   146/18 153/11 183/6 183/15
   133/9 139/6 147/11 148/5
                                                                   189/16 196/2 197/2 197/6
153/2 158/24 170/3 172/23
180/6 183/5 197/12
makes [10] 35/6 38/23 39/4
59/6 60/24 74/25 77/7 82/7
                                                                                                                                  178/18
                                                                mattered [1] 133/5
matters [12] 10/22 11/15
17/1 25/22 25/23 32/14 95/12
95/21 99/22 99/23 154/4
                                                                                                                                 merits [9] 17/16 17/19 17/21 33/15 33/25 34/5 81/22 81/23
                                                                                                                                   157/15
                                                                                                                                Messitte [3] 63/4 63/6 63/9
messy [1] 62/12
met [6] 78/25 110/5 110/8
118/22 127/25 177/17
metal [2] 191/20 191/22
metaphor [1] 73/10
  124/8 141/20
                                                                   184/2
making [21] 14/1 30/24 31/3 38/6 38/7 38/15 39/16 40/16 62/10 71/12 79/1 92/5 117/19
                                                                MATTHEWS [7] 1/15 2/6 3/2 3/20 88/14 89/10 93/4 may [28] 3/2 3/17 11/12 14/8 14/9 14/16 27/5 27/6 43/4 63/6 70/8 72/7 86/7 86/20
                                                                                                                                metal [2] 191/20 191/22

metaphor [1] 73/10

meter [1] 58/10

method [23] 4/18 6/4 6/7

37/8 53/16 54/25 55/1 61/12

64/25 66/7 68/15 68/15 76/6

97/7 104/13 105/21 105/25

108/5 108/13 108/19 109/5

127/2 150/25
136/15 140/19 141/17 141/22
147/3 149/22 177/17 188/4
manage [9] 132/2 142/12
                                                                   87/1 94/20 95/11 99/11 99/22
  158/16 161/24 163/3 163/22
164/3 171/1 182/17
                                                                   99/23 105/1 115/22 125/7
125/24 145/5 188/25 189/1
manageable [1] 25/17
managed [6] 121/9 121/16
140/12 171/14 186/13 189/14
management [76] 6/22 33/3
37/14 42/10 42/11 44/4 44/6
50/20 50/24 52/6 64/11 72/11
76/2 76/3 89/7 102/15 103/25
                                                                   191/15
                                                                maybe [6] 3/9 3/9
160/2 183/12 188/2
                                                                                       3/9 3/9 81/17
                                                                                                                                   127/2 150/25
                                                                Mayo [3] 49/15 66/1 185/5
mayor [3] 49/1 84/5 125/24
mayors [2] 182/3 188/6
McAuliffe [1] 195/20
md [2] 1/3 199/9
MDL [3] 196/15 196/19 196/19
                                                                                                                                 methods [3] 18/13 69/5 88/13 microcosm [1] 59/3
                                                                                                                                middle [1] 155/20
midst [1] 97/19
might [14] 20/21 46/24 57/1
57/2 60/10 89/25 90/2 115/18
115/20 152/10 158/20 166/1
  106/5 106/18 107/7 108/5
108/9 108/13 109/9 111/23
114/14 114/22 114/23 114/25
                                                                MCAUTITTE [1] 193/20

md [2] 1/3 199/9

MDL [3] 196/15 196/19 196/19

me [52] 9/25 10/9 10/16

10/23 11/11 11/14 11/14

11/15 11/16 12/6 12/7 12/14

12/18 14/21 18/1 43/14 49/1
   118/10 119/11 119/12 119/16
                                                                                                                                   174/23 177/6
  119/22 122/3 124/15 126/17
129/10 134/13 137/14 138/3
138/7 141/5 143/16 143/16
144/17 144/18 146/7 146/12
                                                                                                                                 Mike [3] 49/14 66/1 185/5 miles [1] 136/10
                                                                                                                                militaries [1] 93/3
militaries [1] 93/3
militarized [1] 165/15
military [426]
military's [21] 6/6 29/20
30/23 38/19 41/1 41/2 44/23
                                                                   49/17 64/19 72/9 72/25 74/18
74/21 75/25 76/1 84/18
  151/11 151/13 151/18 157/4
158/23 159/2 159/24 160/4
                                                                  102/11 105/8 105/11 107/9 111/4 123/1 136/16 138/4 138/5 144/6 150/16 152/23 158/1 158/1 158/2 174/19
   163/23 164/16 166/4 167/9
   167/10 170/8 171/14 173/3
                                                                                                                                   59/19 61/2 78/25 90/16 97/6
   180/1 180/23 181/20 181/25
                                                                   186/10 192/13 194/16 195/4
195/14 195/25 196/12 196/17
                                                                                                                                   97/13 105/23 116/4 125/18
127/3 147/13 171/11 173/14
   182/15 183/20 185/22 188/2
   188/9 189/4 190/14
                                                                   198/2 198/3
                                                                                                                                   178/20
manager [4] 7/6 58/9 125/22
                                                                mean [12] 30/19 30/20 49/2
54/10 55/11 80/19 82/18 92/8
117/18 160/15 186/20 194/23
                                                                                                                                million [2] 55/6 99/18
minimization [1] 153/22
  125/22
managing [3] 188/5
                            175/13 175/14
                                                                                                                                                              \bar{15}3/\bar{17}
                                                                                                                                 minimize [1] minimizes [1]
                                                                meaning [3] 116/1 135/8
                                                                                                                                                               153/13
mandated [1]
                              35/20
                                                                                                                                 minimizing [1] 153/9
minimum [2] 110/6 110/7
                                                                  172/19
mandatory [1] 155/12
manner [13] 4/25 18/12 46/6
                                                                meaningful [2] 11/6 177/25
```

```
7/1 7/21 14/3 34/15 58/1
                                                                                                                                            must [13] 8/18 13/3 17/1
ministry 52 8:007/5d302583-RW T8100xcument 480/16ile640322/17i197age22200014335 152/22
minute 13/17 24/21 86/14 T3/5/9 191/9
                                                                        175/9 191/9
                                                                                                                                              170/22 182/1
  194/7
                                                                      Mr. [67] 3/20 7/5 7/9 7/18
7/20 8/4 9/23 13/16 13/22
14/6 34/14 35/2 37/20 44/5
50/6 51/6 51/8 58/4 59/1
59/3 59/15 63/11 63/14 63/23
64/17 67/7 67/22 68/25 69/13
69/15 71/14 76/12 77/25 78/1
                                                                                                                                            my [36] 4/6 8/8 9/21 14/13 32/22 34/14 63/3 63/10 66/16 81/18 96/20 97/2 98/11 98/16
minutes [6] 58/7 59/16 134/4 143/24 158/19 195/13
minutia [1] 146/6
mirrors [1] 178/1
                                                                                                                                              109/9 114/12 117/17 136/14
152/13 152/18 162/22 173/22
173/23 178/13 181/7 187/11
188/10 192/2 196/8 196/8
196/18 197/19 199/6 199/13
                              178/18
MISCELLANY [1] 2/3
misleading [2] 57/17 57/22
misrepresentations [1] 104/5
                                                                         78/16 79/25 80/16 81/7 82/2
missed [1] 182/19
                                                                         82/10 83/3 84/9 84/20 88/14
                                                                                                                                              199/14 199/15
missile [1] 82/23
mission [38] 4/21 29/25
29/25 30/2 39/12 41/1 41/1
41/2 41/2 41/12 41/16 61/11
                                                                        88/14 89/10 93/4 98/11
114/24 123/14 134/2 145/5
145/20 152/12 154/3 156/17
158/5 158/13 159/23 167/8
174/25 176/10 183/9 184/7
187/21 192/2 192/4
                                                                                                                                            name [1]
named [2]
                                                                                                                                                                   199/16
                                                                                                                                                                    18/11 50/13
   66/23 67/5 67/15 69/24 71/21
                                                                                                                                            narrow [3]
                                                                                                                                                                      31/24 139/5
   71/21 93/10 98/25 122/8
122/9 122/16 123/17 125/6
                                                                                                                                              187/17
                                                                                                                                            narrower [1] 27/3
national [14] 25/3 36/18
73/25 74/1 74/15 94/19 150/2
150/2 152/1 152/2 155/1
155/24 173/1 178/17
                                                                      Mr. Baker [5] 145/20 154/3 156/17 192/2 192/4
   135/16 135/19 135/23 144/9
   144/14 144/15 144/16 149/15
                                                                      Mr. Ben [1] 14/6
Mr. Bennett [1] Mr. Chase [1] 13
Mr. Hersch [1] 1
   164/5 165/14 170/5 170/5
   170/11
misspoke [1] 107/1
mistake [2] 18/7 76/25
MNC [4] 40/13 57/16 57/17
                                                                                                      13/22
                                                                                                                                           nationals [2] 158/8 158/13
nature [2] 18/19 27/21
near [1] 111/3
nearly [1] 18/15
necessarily [8] 9/24 40/23
49/21 56/20 68/8 82/22
                                                                                                           184/7
                                                                      Mr. Johnson [15] 34/14 63/11 63/14 64/17 67/7 69/13 69/15 71/14 76/12 77/25 82/2 82/10 83/3 84/9 88/14
MNC [4] 57/19
MNC-I [4] 40/13 57/16 57/17
   57/19
                                                                      Mr. Ledlie [3] 9/23 145/5
152/12
modifications [1] 44/17
modified [1] 121/20
modify [3] 124/23 131/6
                                                                                                                                               171/11 181/13
                                                                                                                                            necessary [9] 6/10 17/
65/9 105/4 111/7 116/6
                                                                      Mr. Lockhart [3] 59/1 59/3
                                                                                                                                                                              6/10 17/24
                                                                        59/15
  159/
                                                                      Mr. Loehrl [1] 37/20
Mr. Matthews [4] 3/20 88/14
                                                                                                                                              117/25 123/16 131/24
moment [1] 40/25
money [1] 81/16
monitor [3] 112/25 178/2
                                                                                                                                            necessitate [1] 44/15
need [37] 9/20 12/6 12/18
12/25 23/22 37/19 38/1 53/2
53/23 53/23 102/21 104/5
104/7 107/18 109/12 114/21
114/21 118/7 118/22 122/17
                                                                        89/10 93/4
                                                                      Mr. Morris [3] 50/6 51/6
  184/23
                                                                        51/8
monitoring [2] 5 month [1] 102/23
                                     50/22 84/7
                                                                      Mr. Palmer [2] 7/5 7/9
Mr. Palmer's [1] 7/18
Mr. Razi [3] 35/2 68/2
month [1] 102/23
monthly [1] 51/22
months [3] 51/21 51/23
                                                                                                                                              123/18 124/15 127/24 128/2
130/16 135/8 138/8 149/15
                                                                                                     35/2 68/25
                                                                        98/11
  128/22
                                                                                                                                              149/16 154/24 167/16 169/7
174/15 174/18 183/24 189/13
                                                                      Mr. Robbins [3] 134/2 159/23
more [35] 9/9 18/3 18/18
23/6 26/7 27/16 38/18 40/3
                                                                        167/8
                                                                      Mr. Robbins' [4] 58/4 158/5
                                                                                                                                              192/15
   56/11 57/12 58/14 62/17 65/9 69/9 72/25 75/25 76/10 76/22 82/13 82/24 95/1 99/6 119/25
                                                                                                                                            needed [8] 70/13 70/13 78/19
125/16 125/20 147/1 147/4
156/14
                                                                      158/13 187/21
Mr. Russell [7] 13/16
79/25 80/16 81/7 84/20
                                                                                                            13/16 63/23
   152/14 156/17 161/7 166/14
                                                                                                                                            needs [16] 39/11 41/10 52/
52/24 76/19 78/25 119/8
121/8 123/19 127/24 131/12
163/4 178/4 179/15 185/10
                                                                         123/14
                                                                                                                                                                      39/11 41/10 52/22
   169/22 170/24 174/20 179/15
                                                                      Mr. Singleton [6] 44/5 6 78/1 78/16 114/24 176/10
                                                                                                                 44/5 67/22
   181/8 186/8 186/16 192/4
Moreover [2] 91/16 94/16
morning [9] 3/3 3/18 3/19
14/11 34/16 55/24 68/7 86/25
                                                                      Mr. Steinbugl [1]
                                                                                                                   174/25
                                                                      Mr. walsh [1] 183/9
Mr. Wes [1] 7/20
Ms [6] 3/15 50/6 51/6 150/17
                                                                                                                                              186/14
                                                                                                                                           negligence [5] 20/5 21/22 23/13 28/11 73/6 negligent [1] 178/9 negligently [2] 72/10 72/21 negotiate [2] 119/20 119/24 negotiation [1] 120/4 neither [2] 145/7 186/25 nest [1] 54/17 nests [1] 58/16 never [26] 10/16 18/8 57/22 60/12 60/15 100/24 103/20 103/22 121/2 121/4 121/4 126/13 128/7 128/17 128/20 129/24 131/25 132/21 133/5
                                                                                                                                             negligence [5] 20/5 21/22
   101/18
                                                                      Ms [6] 3/15
183/17 198/2
 Morris [4] 50/2 50/6 51/6
   51/8
                                                                      Ms. [2]
                                                                                        178/14 183/12
                                                                      Ms. [2] 176/14 163/12

Ms. Fehn [1] 183/12

Ms. Veldman [1] 178/14

MSOW [1] 151/16

much [25] 8/9 14/21 15/13

27/13 32/8 32/8 49/21 57/12

58/2 62/7 76/10 79/24 94/2

98/10 100/6 107/4 108/21
mortar [1]
                         162/19
MOS [1] 183/18
most [17] 10/21 27/23 28/17
36/24 42/14 47/17 47/17 79/1
92/23 94/20 102/5 109/1
   142/5 164/10 164/10 181/3
   184/7
                             8/13 9/14 9/25
motion [11]
                                                                         120/21 126/21 137/5 137/9
   14/23 17/9 33/9 70/15 86/1
                                                                      153/21 196/6 198/4 198/6

Multi [8] 36/18 150/2 150/2

152/1 152/2 155/1 155/24
   88/25 91/1 178/22
                                                                                                                                              129/24 131/25 132/21 133/5
133/19 156/23 165/9 184/18
184/23 184/25 185/21
motions [2] 1/8 11/10

mouths [1] 54/2

move [6] 52/8 52/17 63/23

81/24 157/25 164/20

moved [3] 120/15 139/2 166/1

movement [2] 37/1 75/15

movements [1] 142/19

moves [1] 141/12
                                                                         173/1
                                                                                                                                            nevertheless [1] 84/4

new [20] 10/24 19/11 19/11

44/15 45/20 48/2 53/18 53/18

58/8 63/2 82/13 82/14 100/11
                                                                      Multi-National [8] 36/1
150/2 150/2 152/1 152/2
155/1 155/24 173/1
                                                                                                                    36/18
                                                                      multiple [9] 13/12 73/6

76/17 77/9 78/2 85/16 92/5

94/12 106/9

multiplier [6] 80/7 80/10

131/14 134/8 166/1 189/11

multipliers [2] 109/14 132/3

municipal [1] 183/19
                                                                                                                                            151/10 151/24 153/8 186/5
196/19 197/10 197/11

next [21] 5/19 6/23 7/5 21/1
22/22 36/4 40/19 48/5 58/5
62/25 65/18 66/18 70/1 71/17
76/11 89/17 104/8 119/2
movements [1] 142/19
moves [1] 141/12
moving [7] 5/18 17/15 17/16
17/17 45/1 89/17 144/12
Mr [33] 2/4 2/5 2/6 2/7 2/8
2/9 3/2 4/13 4/13 4/15 4/17
   4/19 5/1 5/4 5/10 5/16 5/23
```

```
next. case 8:09-46d-02083-RW T90/2000 unyant $130.5 Filed 03/22/10/ff Rege 12/1 000/35
                                                                                                                                                                            /24
                                                                  notions [2] 17/19 25/2
notorious [1] 84/1
                                                                                                                                   official [12] 93/10 103/13 124/22 125/4 131/5 143/5
nice [1] 76/14

night [5] 58/24 144/12

159/14 168/23 169/12

no [119] 1/3 3/8 4/21 4/25

5/9 6/10 7/15 8/20 18/7
                                                                  notwithstanding [1]
November [1] 54/21
                                                                                                                                      168/4 172/25 199/3 199/6
199/12 199/20
                                                                                                                148/15
                                                                 November [1] 54/21
November 2003 [1] 54/21
now [50] 8/16 17/4 18/20
22/8 23/25 27/9 28/20 42/13
45/23 48/25 50/4 52/17 57/1
                                                                                                                                    officials [2] 123/20 179/21 often [4] 26/12 73/21 81/5
  23/20 24/12 25/12 25/16
26/24 26/25 31/16 34/6 34/7
34/13 34/23 37/15 38/12
                                                                                                                                   on [3] 123/9 139/8 152/25
oil [1] 133/20
                                                                    57/10 58/13 65/22 69/10
70/23 71/2 73/9 73/11 73/11
  45/11 55/13 57/4 57/4 57/4
57/5 57/10 58/21 59/24 59/25
60/2 61/14 62/6 62/23 69/18
69/22 76/25 83/19 83/21
84/16 84/17 84/23 85/25 86/6
                                                                                                                                   okay [18] 43/18 51/7 51/17 86/9 86/21 104/24 120/23 123/4 123/9 153/5 155/2 177/6 187/13 192/14 194/6 194/19 195/7 195/11
                                                                    74/18 74/21 86/23 95/5 99/15
99/21 99/24 100/9 100/20
                                                                    101/3 101/22 103/23 122/19
139/12 148/20 153/12 154/3
  87/13 87/15 88/8 89/1 89/13
                                                                                                                                   on-FOB [1] 141/6
once [29] 38/22 48/18 50/25
52/25 53/11 53/23 53/24 60/7
                                                                    155/3 155/16 160/16 162/21
174/17 174/25 181/13 195/5
  91/10 91/13 92/20 93/11
93/12 96/5 98/10 100/21
103/22 104/16 104/20 104/24
                                                                    195/9 197/2 197/18
                                                                                                                                      108/3 108/23 113/9 119/15
126/5 141/5 147/17 149/4
149/19 150/19 151/9 152/20
                                                                  nowhere [6]
                                                                                             39/13 53/24
  106/23 107/21 108/17 110/23
                                                                  53/25 54/1 54/1 187/20
nullity [1] 93/23
number [9] 12/15 43/14 85/15
108/11 121/24 145/21 163/13
  111/25 112/3 114/3 114/3
115/11 115/24 124/5 124/5
                                                                                                                                      156/6 162/12 164/3 168/14
  124/12 132/4 132/18 133/15
                                                                                                                                      184/19 184/20 187/18 187/24
  133/22 137/25 138/3 138/18
139/8 144/3 155/21 160/7
160/24 160/25 164/23 172/14
173/5 173/15 173/18 175/21
                                                                    195/16 199/8
                                                                                                                                      188/1
                                                                  numbers [1] 51/2
Nuts [1] 195/21
                                                                                                                                    one [99] 8/10 8/21 10/1
15/10 16/14 18/25 19/1 20/3
                                                                                                                                      20/3 23/1 24/6 24/7 24/14
  175/24 176/3 176/13 176/15
180/20 181/1 181/17 182/3
182/24 186/11 187/1 187/3
                                                                                                                                      25/10 26/7 26/7 26/11 27/21
29/2 29/6 31/11 31/21 33/5
                                                                 objective [1] 164/
objectives [2] 127
objigate [1] 133/9
                                                                                                  164/7
127/3 154/13
                                                                                                                                      33/20 34/1 46/24 51/5 52/17
59/24 61/7 65/1 67/16 69/25
  188/17 192/7 192/8 193/6
  194/22 195/8 195/9 195/10
195/11 196/14 196/15 196/20
                                                                                                                                      70/12 70/22 71/2 72/15 72/25
78/1 79/24 81/1 82/19 83/12
87/5 87/9 87/10 88/25 93/5
93/9 94/25 95/1 100/2 101/8
                                                                  obligated [1]
                                                                                                  145/17
                                                                 obligation [1] 61/21
obligations [8] 98/24 113/4
125/16 127/8 128/9 145/19
Nobody [4] 61/20 61/22 61/25 176/13
non [14] 16/20 34/18 50/20 64/3 77/12 86/4 97/7 97/24 103/13 151/10 151/17 152/4
                                                                                                                                      115/11 115/24 116/12 119/22
120/25 121/22 130/3 134/1
140/18 141/2 141/21 144/1
                                                                    156/25 193/6
                                                                  obliterates [1] observation [3]
                                                                                                       130/20
                                                                                                      9/5 18/15
  153/16 179/7
                                                                                                                                      149/5 149/6 150/24 151/8
152/9 152/10 152/17 152/17
154/2 154/6 154/17 154/17
154/25 156/21 157/7 158/1
non-acquisition [1] 103/13
non-combustible [1] 153/16
non-delegable [1] 77/12
non-electronic [1] 34/18
non-federal [3] 16/20 97/7
                                                                    76/2
                                                                 observations [1] 14/5
observing [1] 158/21
obtained [1] 65/10
obvious [6] 26/18 84/15
85/17 88/2 91/9 196/3
                                                                                                                                     159/22 164/18 164/19 167/15
170/9 173/5 182/3 182/9
182/13 182/19 188/23 191/6
191/16 192/15 194/4 196/17
  97/24
                                                                  obviously [4] 43/24 47/8 95/5 177/13
non-hazardous [4] 5
151/10 151/17 152/4
                                                                                                 134/4
                                                                  occasions [1]
                                                                                                                                      197/5 197/21
non-justiciable [2] 64/3
                                                                 occupation [1] 102
occupation [1] 30/7
occur [1] 70/1
occurred [2] 7/17
occurring [1] 52/2
October [1] 146/10
odd [1] 39/13
                                                                                                                                    one-size-fits-all [6] 12
149/5 149/6 154/6 156/21
                                                                                                                                                                                     120/25
                                                                                                    101/7
  86/4
non-parties [1] 179/7
nonapplicable [1] 93/17
noncompliance [1] 8/19
none [3] 66/12 69/10 79/23
nonetheless [4] 25/11 34/3
                                                                                                                                      194/4
                                                                                                                                    ones [11] 12/14 12/18 25/18 32/12 39/10 39/11 65/21 118/23 127/5 138/4 157/8 online [1] 130/18
                                                                                               7/17 28/15
                                                                                                  52/16
                                                                                              146/10
                                                                 odd [1] 3
odds [1]
OEBDG [1]
OEBGD [1]
OEGBD [1]
off [4] 7
                                                                                                                                    only [50] 21/12 23/12 30/23
35/12 36/2 38/7 56/15 60/25
  49/4 94/2
                                                                                       16/20
nonhazardous [1] 151/20
nonhearsay [1] 9/3
nonsense [1] 80/8
nope [1] 70/21
                                                                                         112/17
                                                                                                                                      61/3 66/2 66/19 69/20 75/1
83/12 93/9 96/8 96/14 100/14
                                                                                          150/15
                                                                                         150/9
                                                                                     28/8 95/2 147/9
                                                                                                                                      103/18 103/24 105/15 107/25
northern [1] 5/20
                                                                     175/25
                                                                                                                                      116/21 116/25 121/12 121/21
not [374]
                                                                  offense [1] 96/14
offer [4] 58/2 58/19 68/23
                                                                                                                                      124/22 125/6 126/17 126/18
127/20 129/23 130/21 130/22
note [20] 15/11 17/14 18/5
19/5 19/10 19/15 24/14 28/1
                                                                                                                                   127/20 129/23 130/21 130/22
130/23 131/5 132/18 151/19
155/5 170/19 171/1 171/2
171/5 173/5 178/8 184/19
184/20 184/22 187/14 190/23
open [3] 83/25 112/14 150/25
opening [7] 42/14 46/1 60/5
68/25 100/13 100/23 145/20
                                                                    69/4
   30/5 38/2 45/9 57/15 60/2
                                                                 offered [1] 122/19
offering [1] 6/25
office [3] 50/16 93/1 93/3
officer [27] 7/21 36/21
50/16 50/17 92/14 92/15
  65/18 89/13 96/19 103/4
122/11 122/17 150/12
noted [6] 19/16 1
81/12 96/22 193/4
                       19/16 19/23 63/23
notereading [1] 1/22
notes [3] 191/19 197/25
                                                                    108/21 120/8 121/12 124/21
125/3 126/18 131/5 134/11
146/15 148/22 150/13 150/14
notes [3]
199/13
                                                                                                                                   openly [1] 31/13
operate [13] 44/3 48/9 48/13
59/11 60/8 60/18 61/3 61/21
62/3 62/15 119/17 146/11
nothing [5] 89/4 130/8
                           10/5 69/16 69/17
                                                                    152/11 156/11 156/12 157/10
                                                                    158/12 166/25 167/15 188/2
notice [2] noticed [3]
                         43/13 146/9
                                                                                                                                      153/8
                                                                    188/9
                          134/14 134/15
                                                                  officers [17] 46/6 49/7 49/11 49/19 50/14 89/6
                                                                                                                                    operated [17] 4/24 7/10 7/14
  134/20
                                                                                                                                      46/23 60/18 61/16 61/17
61/23 64/17 82/3 82/4 82/18
notion [20] 16/2 16/8 21/2 22/12 31/12 32/6 32/9 32/11
                                                                    105/19 118/22 121/19 127/20
```

64/24 66/20 69/21 69/23

127/21 150/22 159/4 163/10

```
58/11 58/17 60/14 61/8 65/1
                                                                                                                         150/5
110/23 112/17 112/21 127/9
                                                                                                                         180/22
operates [1] 71/9
                                                                                                                       overseen [2] 167/14 190
oversees [1] 95/7
oversight [8] 49/17 52/
77/24 134/3 178/6 181/4
181/7 193/1
                                                             132/25 138/10 138/11 141/13
148/15 159/5 162/10 164/22
172/12 183/23 189/22 190/15
                                                                                                                                                  167/14 190/18
operating [15] 4/21 5/5 23/8 37/12 47/8 71/5 71/9 83/6 92/1 132/20 136/25 169/3
                                                                                                                                                  49/17 52/15
                                                              191/6 191/19 191/21
  184/18 189/13 190/25
                                                            others [5]
78/17 80/11
                                                                                  18/4 29/8 75/10
operation [14] 35/13 35/17
37/2 61/11 61/12 77/22 83/16
101/24 124/11 126/25 126/25
                                                                                                                       overstate [1] 45/25
overstated [1] 69/6
overtook [1] 142/19
overtiew [3] 14/25
                                                            otherwise [6] 41/7 94/18
106/22 148/24 150/6 163/5
                                                           our [65] 3/14 8/13 9/14 12/5
12/23 12/25 15/11 15/17
15/20 16/5 16/7 16/9 16/25
17/9 33/9 46/12 48/22 52/21
62/18 63/1 74/9 86/23 87/2
  137/13 143/13 159/20
operational [23] 29/20 35/25
36/11 39/11 40/15 49/16
68/21 93/6 108/20 114/7
                                                                                                                                                 14/25 15/11
                                                                                                                         42/17
                                                                                                                       overwhelming [3] 72/13 73/4
                                                                                                                         99/25
  116/4 117/17 119/5 125/23
                                                                                                                       owe [1] 197/22
own [27] 29/10 66/6 67/2
96/20 96/24 96/25 100/18
106/17 107/7 122/3 122/5
  142/24 143/17 159/13 162/13
171/17 174/10 183/4 190/2
                                                             87/4 88/25 89/18 89/20 91/1
93/17 93/25 94/19 95/8 95/20
  190/19
                                                              112/4 112/7 122/20 122/23
operations [26] 35/9 37/20
39/20 40/15 42/3 47/13 47/16
47/19 48/14 52/8 56/24 59/12
111/7 111/18 122/9 124/14
                                                              123/7 126/21 130/2 130/6
                                                                                                                         122/13 125/19 127/15 136/21
                                                              130/19 130/20 131/1 134/22
145/20 153/21 170/7 174/12
                                                                                                                         140/8 140/9 140/13 143/15
143/16 147/12 155/8 175/10
                                                                                                                         175/17 176/11 186/24 190/14
owned [1] 59/7
                                                              174/16 174/22 177/2 177/24
  141/25 142/2 142/4 142/20
                                                             182/6 183/20 183/23 186/8
189/9 191/13 192/6 194/12
194/14 196/1 197/14 197/15
                                                                                                                       owned [1]
  146/24 147/18 149/2 158/9
188/13 189/13
                                                                                                                       ownership [1] 144/9
operative [4]
145/14 187/14
                            76/13 100/19
                                                           ourselves [1] 25/24
out [65] 3/9 15/7 18/24
18/25 28/6 29/3 29/12 30/14
33/13 47/6 49/4 49/9 63/12
                                                                                                                      p.m [1] 145/1

pace [1] 67/12

page [26] 4/23 5/25 6/18

7/12 8/2 10/1 10/21 10/21

10/21 36/7 39/13 40/13 43/
opinion [12] 26/19 27/12
27/19 28/4 69/2 87/4 87/13
87/18 87/23 91/4 96/21
                                                             63/16 64/6 65/10 65/24 71/25
77/2 82/20 82/20 83/3 83/15
  128/19
                                                                                                                         10/21 36/7 39/13 40/13 43/9
opportunity [4] 3/12 9/1
10/18 34/24
                                                             85/8 92/10 95/1 95/12 103/8 103/11 110/4 111/16 111/21 119/24 122/4 124/7 125/17
                                                                                                                         43/17 44/1 45/10 67/8 67/8
                                                                                                                         67/9 104/8 104/8 104/21
131/8 191/13 191/18 195/18
opposed [3] 118/25 174/8
  189/21
                                                                                                                       pages [4] 6/11 12/16 99/18
                                                              130/16 131/20 132/14 134/6
opposite [2] 101/4 114/16
opposition [5] 9/25 10/1
                                                             137/7 138/11 139/21 140/7
147/17 148/14 154/17 158/18
158/19 161/22 162/20 166/3
                                                                                                                        199/11
                                                                                                                       Palmer [6] 49/14 133/2
                                                                                                                                            3/24 7/5 7/5 7/9
   70/15 88/25 89/18
order [66] 8/23 8/24 9/15 9/18 22/18 25/10 26/7 26/8
                                                                                                                       Palmer's [1] 7/18
paper [3] 155/6 155/6 160/14
paragraph [24] 40/13 43/9
43/12 43/14 43/16 44/21 45/2
                                                              173/20 174/24 176/24 177/4
                                                              178/11 183/23 184/19 184/20
184/22 191/6 191/22 192/2
  27/4 33/4 36/2 42/15 43/20
44/3 44/15 48/3 51/10 52/6
52/8 53/18 54/18 54/21 54/22
                                                              198/5
                                                           out-of-control [1] 33/13
outcome [3] 65/5 72/12 80/15
outcomes [1] 143/4
                                                                                                                         50/19 51/14 54/15 55/2 55/3
189/13 189/18 189/22 189/24
  55/3 55/16 56/8 66/16 70/20
81/20 92/12 92/21 93/6 101/5
103/23 104/6 107/14 108/2
                                                           outcomes [1] 143/4
outlive [1] 196/19
outset [4] 14/24 81/3 82/1
                                                                                                                       190/2 190/2 190/6 190/8

190/11 190/13 190/15 190/22

paragraphs [11] 10/10 10/19

50/11 51/3 51/8 174/23 189/9

190/10 190/17 190/19 191/1

paramount [1] 35/16
  112/22 113/11 113/18 114/6
  117/7 120/2 122/14 127/13
129/5 130/7 130/10 131/13
132/9 141/2 141/16 141/20
                                                              99/24
                                                            outside [6] 37/1 67/14 67/14 69/23 162/25 186/3
                                                           69/23 162/25 186/3

over [60] 14/20 25/8 30/13

33/13 34/14 45/17 49/17

65/11 65/11 79/4 80/18 98/16

103/19 111/5 111/5 121/1

126/16 126/22 128/1 138/22

140/19 142/11 142/13 143/7

143/17 144/1 144/9 151/8
  142/24 145/18 146/9 147/24
                                                                                                                       parse [1]
part [27]
                                                                                                                                             .
137/7
  149/13 150/1 150/4 151/2
                                                                                                                                            38/15 40/10 42/4
  151/3 151/19 154/3 161/14
                                                                                                                         71/15 80/2 82/2 82/6 89/15
93/8 93/9 112/7 112/10
  181/25
ordered [3] 99/14 132/1
                                                                                                                         113/20 114/14 116/9 126/21
  148/2
                                                                                                                         130/6 130/19 130/20 135/23
  orders [39] 5/22 22/13 22/16 23/8 29/14 30/1 32/2 42/12 43/2 43/10 43/13 44/10 44/13
orders [39]
                                                              143/17 144/1 144/9 151/8
156/22 159/11 161/13 161/16
                                                                                                                         153/21 167/18 172/11 173/13
173/16 182/23 189/8
                                                                                                                       participating [1] 67/24
particular [18] 4/23 7/25
17/25 42/24 43/11 46/22
56/21 78/13 92/6 115/16
                                                              162/13 162/22 165/3 165/12
  44/22 52/9 55/15 55/17 57/19
                                                              166/5 166/24 167/1 167/20
  82/12 91/18 92/8 92/11 92/17
92/19 99/17 99/21 102/16
102/19 103/5 113/7 120/4
                                                              168/11 168/23 169/12 170/24
171/17 176/25 179/23 180/7
                                                                                                                         119/4 124/4 134/19 135/10
144/9 150/16 174/4 176/1
                                                              180/10 180/18 180/24 181/23
  137/16 139/24 141/3 149/11
                                                           183/5 189/6 190/2 190/5 191/9 194/3 196/20 197/8 overall [6] 41/12 123/17 133/14 166/22 167/7 170/11
163/21 184/12 185/15 185/19 organic [1] 41/8
                                                                                                                       particularly [5] 2
37/22 54/15 145/25
                                                                                                                                                          28/6 28/9
organic [1] 41/8
organization [1] 180/3
original [2] 42/22 119/24
originally [1] 4/4
origins [1] 15/13
OSHA [7] 57/7 57/10 141/18
                                                                                                                       parties [7] 9/6 17/23 18/2 38/11 99/14 112/19 179/7
                                                            overarching [4]
                                                                                            19/6 24/3
                                                             26/4 26/4
                                                                                                                       parts [4]
                                                                                                                                           26/12 54/8 55/6
                                                          | 26/4 26/4
| overflowing [1] 35
| overhead [1] 161/1
| overlapping [1] 32
| overlook [1] 83/5
| overlooked [2] 26/1
| overrule [1] 97/6
| oversaw [1] 50/25
| overseas [3] 56/22
                                                                                                                         130/1
                                                                                                                       party [2]
pass [1]
past [4]
                                                                                      \bar{1}61/1
                                                                                                                                            125/8 179/7
  141/19 142/1 142/2 149/3 psmosis [5] 55/8 76/7 193/10
                                                                                            32/8
                                                                                                                                           86/20
osmosis [5] 5
193/12 193/20
                                                                                                                                           20/22 26/25 58/7
                                                                                           26/12 73/22
other [51] 7/9 8/4 8/10
18/10 18/19 20/18 29/7 29/21
                                                                                                                         81/24
                                                                                                                       pathway [1]
pattern [1]
pause [2]
                                                                                                                                                76/20
                                                                                                                                                169/15
  31/19 34/13 38/4 39/13 39/14
39/14 44/2 46/24 52/17 55/3
                                                                                     56/22 87/14
                                                                                                                                            <sup>-</sup>43/4 194/10
```

```
pay [30 a 97/2 701 4d 50 20 83 RW T90 Document 480 Filed 03/22/1763/23g6422360782354/21 65/2 pervasive [4] 23/4 23/18 65/13 66/4 66/6 68/23 60/11
                                                                  79/4 90/21
                                                                                                                                    70/2 70/18 71/1 71/4 71/8
peacetime [2] 101/23 102/4
PEBS [2] 51/24 52/1
                                                                                                                                   72/10 72/15 72/20 72/22
73/17 74/20 74/22 79/8 79/15
                                                                 pesky [1]
Peter [1]
                                                                                        194/22
PEBs [2] 51/24 52/1
pencil [1] 188/1
people [8] 50/13 92/7 10
119/7 138/2 159/6 163/22
                                                                                        63/4
                                                                 Petraeus [1]
Petraeus' [1]
                                                                                                                                   80/2 81/3 81/5 83/4 83/8
83/9 84/24 85/3 85/9 85/19
86/2 88/24 89/14 89/18 90/11
90/17 90/25 95/3 95/7 96/15
                                                                                             69/17
                        50/13 92/7 108/11
                                                                                                 37/17
                                                                 petroleum [1]
                                                                                                 133/20
                                                                phase [1] 157/15
phrase [1] 15/24
phrased [1] 165/1
pick [1] 97/23
picked [1] 70/12
picture [2] 49/2 187/25
piece [1] 42/13
pit [71] 1/4 4/20 4/22 4/25
6/25 7/10 7/14 27/9 30/8
44/4 45/12 46/19 46/19 46/23
47/5 47/8 47/13 47/16 47/19
   182/15
                   55/6 55/6 82/8 118/1
per [6]
                                                                                                                                   97/4 98/20 98/23 100/9
100/14 100/23 101/12 101/23
  140/5 165/7
percent [1] 172/24
perfectly [2] 58/10
perform [18] 6/21
                                                                                                                                 102/11 115/6 116/2 133/3
145/8 169/16 179/1 179/3
187/8 191/4 194/21 195/23
plaintiffs' [35] 3/14 3/21
10/1 11/8 17/7 31/11 34/4
46/1 48/18 54/1 57/16 59/3
                               58/16 65/3
                             6/21 47/7 47/24
   55/18 60/1 60/13 62/2 109/17
  125/5 137/14 145/18 146/7
  159/14 161/22 164/5 176/22
177/10 186/5
                                                                                                                                    60/4 64/23 66/4 70/15 72/6
performance [65] 19/19 19/21
19/22 38/21 43/23 45/8 46/4
46/7 49/9 49/17 50/19 50/25
51/20 51/21 51/22 52/7 53/10
53/12 53/13 55/4 55/20 58/12
                                                                                                                                    82/1 83/24 84/2 86/2 89/2
                                                                   47/5 47/8 47/13 47/16 47/19
                                                                   48/24 49/3 50/21 52/7 58/5
58/5 58/8 58/11 60/8 70/9
                                                                                                                                   91/17 93/16 100/1 100/18
101/21 112/11 125/2 133/24
                                                                   82/17 93/12 95/12 104/12
                                                                                                                                    141/9 142/9 178/19 179/10
  79/5 89/19 105/17 105/22
106/1 108/5 110/4 113/1
                                                                   105/3 108/16 111/3 112/6
                                                                                                                                    179/12
                                                                   119/17 129/5 132/10 132/13
132/20 133/6 133/8 133/10
133/17 143/11 144/11 146/13
                                                                                                                                 plan [3] 50/23 148/3 163/23
Planners [1] 174/10
planning [7] 53/3 53/4 67/24
113/16 152/15 152/17 170/10
  121/19 126/19 131/10 131/11
                                                                                                                                                                53/3 53/4 67/24
  132/2 135/19 137/15 143/4
                                                                   153/9 155/2 155/5 156/4
  146/5 146/19 148/23 150/6
154/13 154/13 159/18 163/2
166/24 171/18 171/21 174/8
176/1 176/7 177/17 178/2
                                                                   157/2 157/3 157/11 158/4
158/7 158/11 158/20 159/22
159/22 162/21 167/7 167/8
168/17 184/19 187/5 187/23
                                                                                                                                 plans [3]
168/20
                                                                                                                                                       168/9 168/13
                                                                                                                                 plastic [3] 75/23 147/20
                                                                                                                                    148/7
   181/9 181/10 181/23 184/23
                                                                 188/4 199/8
pits [112] 5/2 5/5 5/24 6/11
7/8 8/8 27/15 35/8 35/20
                                                                                                                                  plastics [4] 65/2 88/6 97/18
  186/24 189/18 189/21 190/1
190/7 192/17 193/7
                                                                                                                                | 147/16
| play [2] 23/6 178/8
| playing [1] 104/3
| plays [1] 39/7
| pleasantries [1] 160/3
| pleased [2] 78/13 86/5
| 3/4 196/2
                                                                                                                                     147/16
performance-based [5] 89/19
171/18 171/21 181/23 189/21
                                                                   35/21 37/8 37/12 37/19 37/22
37/22 38/1 38/19 40/18 46/20
performed [3] 18/13 77/15
                                                                   48/1 48/4 48/4 48/9 48/13
53/24 56/4 57/20 59/4 59/11
  190/
                                                                                                                                 pleased [2]
pleasure [2]
performing [26] 29/25 3 44/14 45/16 45/18 47/19
                                   29/25 30/2
                                                                   60/1 60/18 61/3 61/6 61/16
                                                                                                                                                               3/4 196/20
                                                                                                                                 plenary [30] 25/8 80/7 135/3
135/7 135/13 136/17 137/19
138/6 138/13 138/17 138/25
                                                                  61/17 61/20 61/23 62/3 62/12
62/16 64/17 64/23 64/24 65/7
65/8 68/16 70/6 71/5 75/7
76/4 77/21 77/23 80/21 83/25
  47/20 47/24 48/19 49/21
66/21 75/9 75/10 78/13 78/24
84/8 89/9 97/22 110/13 132/4
                                                                                                                                    140/2 141/11 144/8 146/2
   141/23 143/2 148/25 161/11
                                                                                                                                   159/1 159/11 160/5 161/8
161/17 163/25 164/7 168/25
179/19 184/3 184/22 186/20
                                                                   84/3 88/4 88/4 88/12 89/9
92/24 96/16 97/8 100/3 101/6
103/21 104/18 104/23 105/10
166/2 166/16
performs [2] 38/25 159/16
perhaps [5] 28/8 62/12 63/11
                                                                  105/21 104/16 104/25 105/10
105/23 106/7 107/19 107/21
107/24 108/7 108/19 108/25
109/4 110/24 111/6 111/17
111/23 113/13 113/25 114/2
114/25 115/2 120/20 121/3
                                                                                                                                    186/21 189/2 192/7
  90/4 181/3
                                                                                                                                 plus [3] 9/9 18/11 18/11
podium [1] 14/4
point [65] 5/10 5/15 8/12
peril [1] 63/10
period [7] 78/4 101/7 102/
106/18 107/6 128/21 140/20
                          78/4 101/7 102/24
                                                                                                                                   soint [65] 5/10 5/15 8/12
8/25 14/17 15/7 16/5 18/24
periods [1] permanent [1]
                                                                                                                                   21/1 23/5 25/1 26/18 26/18
29/2 29/3 31/11 36/6 42/17
48/16 54/13 54/18 59/17
                         47/18
                                                                   125/11 126/10 126/14 127/1
127/16 129/21 129/23 130/16
130/21 132/12 132/21 132/22
permanent [1] 158/12
permission [11] 3/16 112/1
112/9 129/14 132/22 133/2
133/16 133/19 147/20 153/11
                                                                                                                                   63/16 65/24 66/14 66/19
67/19 70/3 71/19 71/22 71/25
81/9 81/18 82/20 82/20 84/15
85/17 86/11 88/2 91/9 92/5
                                                                   133/21 134/24 138/3 147/19
                                                                147/19 155/9 156/23 157/6
177/14 185/21 187/2 193/15
pivotal [1] 23/22
place [9] 15/14 19/13 33/14
43/3 68/8 94/16 95/9 154/9
  157/11
permit [1] 60/11
permits [1] 55/14
permitted [4] 23/23 46/7
                                                                                                                                    94/22 95/1 95/6 96/4 129/20
                                                                                                                                    135/24 135/24 139/21 143/19
156/23 157/3

person [9] 36/2 57/5 92/12

92/14 104/14 123/19 167/9
                                                                                                                                   144/1 144/1 144/24 147/17
150/23 154/17 170/2 174/14
                                                                   198/5
                                                                 placed [7] 70/18 85/12 127/7 132/9 132/12 133/6 147/4 places [6] 40/4 57/9 76/20 83/15 190/15 191/10
                                                                                                                                    177/23 182/19 188/10 189/10
  170/19 184/22
                                                                                                                                    191/6 191/6 197/21
personal [10] 4/24 67/23
114/9 114/11 129/1 133/15
173/25 174/5 174/9 189/22
                                                                                                                                  pointed [8] 23/14 28/6 29/10
29/12 29/14 83/3 178/11
                                                                placing [3] 17/24 70/8 70/17
plain [2] 57/5 84/4
plainly [1] 26/16
plaintiff [8] 23/13 31/15
32/13 65/23 70/10 70/20
139/13 167/23
                                                                                                                                   192/2
personally [5] 5/1 6/15
58/22 103/22 175/25
personnel [36] 29/13 29/17
82/5 91/25 93/7 94/9 94/11
                                                                                                                                 pointing [4]
176/24 177/4
                                                                                                                                                             23/3 174/17
                                                                                                                                  points [15]
                                                                                                                                                            9/15 31/20 32/25
                                                                                                                                   59/6 60/4 68/24 71/8 76/13
84/19 87/2 88/16 88/17 93/25
  99/5 106/20 106/21 132/2
                                                                 plaintiff's [1] 26/10
plaintiffs [95] 1/11 4/3
4/17 5/16 8/16 8/25 9/3 10/8
  137/22 158/23 159/11 159/21
                                                                                                                                 133/4 174/22

poked [1] 48/24

poking [1] 49/5

policies [8] 19/12 20/20

68/9 68/10 68/12 77/10 84/21
  161/14 164/13 166/3 166/10
166/11 166/15 166/16 167/20
                                                                   10/17 10/25 11/1 15/4 17/13
18/12 22/9 22/12 22/15 22/23
  168/20 172/7 172/13 173/4
  174/3 174/3 176/23 177/1
                                                                   23/11 23/14 23/20 26/14
  179/22 181/10 181/14 183/21
```

```
Policies 8 10 - 1170 1083 - RW T170 1084 - RW T170 
                                                                                                                                                                             production [5] 55/1 55/2
55/7 64/11 76/6
products [7] 133/20 148/9
148/13 153/15 155/6 155/6
political [48] 13/21 13/25
15/17 15/22 16/4 17/3 17/6
20/10 20/17 20/24 23/24
                                                                                       presented [13] 14/14 18/17
19/9 20/15 34/21 35/5 38/12
                                                                                          56/1 58/17 62/8 65/25 66/2
   24/12 25/23 26/16 26/25
                                                                                                                                                                                 157/19
                                                                                          72/13
   27/24 28/18 36/11 37/3 63/24
72/19 72/24 73/2 73/22 79/12
79/21 84/19 85/21 85/25 86/4
                                                                                       presenting [2] 56/2
preside [1] 196/20
president [1] 63/4
presumption [1] 45/
                                                                                                                                                                              professional [1] 196/23
professionals [2] 163/3
                                                                                                                                    56/2 86/10
                                                                                                                                                                                 182/17
   95/8 95/13 95/20 96/13 102/3
                                                                                                                                                                              program [10] 39/24 117/4
141/6 151/11 151/13 163/16
177/16 178/1 178/4 191/23
                                                                                                                                      45/13
   115/5 115/7 115/9 117/25
                                                                                       pretty [4] 65/3 70/11 74/4 188/17
   138/16 138/25 140/15 142/20
145/9 145/25 157/24 164/18
                                                                                      prevail [1] 182/24
preventative [1] 193/1
previous [2] 18/10 81/12
previously [3] 5/3 46/8
                                                                                                                                                                              programs [3] 152/10 191/10
   187/16
                                                                                                                                                                                191/11
 popular [1] 193/20
population [3] 39/21 146/20 153/18
                                                                                                                                                                              prohibit [1] 113/14
prohibited [3] 65/3 132/22
                                                                                                                                                                                 163/10
portion [1] 145/21
portions [5] 3/22
122/20 154/19
posed [1] 73/24
posing [1] 77/21
                                                                                          166/2
                                                                                                                                                                             project [2] 53/2 53/4
prong [5] 138/15 138/15
139/1 139/2 141/10
                                                                                      primarily [4] 128/23 145/24
158/5 176/21
                                        3/22 12/14 15/8
                                                                                        primary [3] 15/21 15/22
                                                                                                                                                                              prongs [1] 112/4
proper [4] 13/6
                                                                                          59/23
posing [i] 77/21
position [10] 9/21 11/12
12/25 23/2 33/14 59/15 70/17
92/18 119/14 183/17
                                                                                       prime [1]
                                                                                                                                                                                                               13/6 120/13
                                                                                                                      177/10
                                                                                       principle [1] 102/25
principles [10] 13/15 15/2
19/2 85/9 87/11 118/14
119/12 123/22 145/10 162/2
                                                                                                                                                                                120/14 126/17
                                                                                                                                                                              properly [4]
87/8 104/6
                                                                                                                                                                                                                   11/15 11/16
positions [1] 194/24
possess [1] 180/24
possible [3] 86/24 151/23
                                                                                                                                                                              property [1] proposed [3]
                                                                                      print [1] 9/19
printed [1] 9/20
printing [1] 9/17
prior [3] 34/2 68/24 98/18
prison [2] 168/3 168/19
private [6] 91/8 94/17 94/19
97/21 116/10 189/8
                                                                                                                                                                                                                     9/15 9/18 91/17
                                                                                                                                                                              proposition [3] 8/20 33/23
   191/8
                                                                                                                                                                                179/4
possibly [3] 13/13 80/15
                                                                                                                                                                              prosecution [1] 68/19
   90/16
                                                                                                                                                                              protect [3] 136/16 162/9
post [2] 89/12 194/14
post-hearing [1] 194/14
Postlewaite [6] 39/23 66/1
68/9 77/9 77/13 191/9
                                                                                                                                                                                 182/8
                                                                                                                                                                              protection [4] 136/2 138/12
                                                                                       probably [5]
142/5 184/6
                                                                                                                                                                                162/10 \ 165/17
                                                                                                                               40/2 49/2 82/16
                                                                                                                                                                              prove [1] 12/25
proven [1] 177/
posture [3] 11/5 20/14 63/13 postures [1] 135/9 potential [2] 21/22 90/13 potentially [3] 46/17 46/25
                                                                                       problem [7] 73/13 82/16 85/20 85/22 157/16 167/23
                                                                                                                                                                                                                177/20
                                                                                                                                                                              provide [23] 4/10 14/24 25/20 26/22 41/6 41/7 41/9
                                                                                          193/18
                                                                                                                                                                                 42/24 45/5 55/14 75/5 75/6
106/18 117/2 117/3 119/15
146/11 151/24 159/9 175/16
181/4 181/11 183/7
                                                                                       problematic [1] 58/23
problems [3] 61/10 163/13
   77/7
power [1] 25/19
powers [8] 15/19 73/13 85/10
115/6 115/8 115/10 121/11
                                                                                          177/3
                                                                                      procedural [2] 11/5 29/3
procedure [2] 156/8 190/25
procedures [2] 117/15 185/1
proceed [16] 3/2 3/11 3/16
8/11 13/11 13/12 13/24 14/8
31/9 53/10 63/7 63/10 71/3
85/12 94/15 96/22
                                                                                                                                                                              provided [15] 3/13 6/22 7 8/1 9/6 41/10 60/12 74/12 76/21 102/20 107/9 118/4
                                                                                                                                                                                                                         3/13 6/22 7/22
   145/9
PQD [1] 72/13
practical [2] 1
practice [1] 16
pray [1] 197/20
                                           164/8 169/8
                                                                                                                                                                                 120/12 123/7 183/9
                                        169/24
                                                                                                                                                                              provides [3] 28/22 45/6
precedence [2] 13,
precedent [1] 85/0
precedent-free [1]
                                                                                                                                                                                 116/8
                                                                                      proceeding [1] 10/14
proceedings [11] 1/22 9/22
13/16 13/20 69/3 94/7 99/12
198/8 199/6 199/12 199/14
process [79] 35/24 36/9 37/3
                                              13/15 151/19
                                                                                                                                                                              providing [7] 29/16 80/20 117/11 118/9 153/8 168/25
                                                                                                                                                                                                                         29/16 80/20
                                          85/6
                                                                                                                                                                                 181/5
precedents [1] 18/7
precise [6] 20/12 20/14
20/14 135/9 140/7
                                                                                                                                                                              provision [13] 19/23 19/25 24/16 24/19 29/15 41/11
                                                                                       process [79] 35/24 36/9 37 38/6 39/4 39/8 40/11 40/24
                                                                                                                                                                                 53/16 54/10 55/12 56/21
141/7 142/5 142/8
precluding [1] 182/7
preempt [1] 30/23
preempted [6] 16/12 29/8
30/15 94/21 98/8 102/6
                                                                                          40/25 42/19 43/11 43/20 44/9
                                                                                          44/16 44/16 45/14 45/17
45/22 48/5 50/13 50/18 52/13
52/15 53/17 53/22 53/25
                                                                                                                                                                              provisions [10] 19/2 19/3 19/18 24/3 24/15 24/21 24/24
                                                                                                                                                                                 42/23 56/19 148/15
preempting [1] 95/2
preemption [32] 14/3 16/5
16/15 17/9 28/20 28/22 29/23
30/4 31/10 31/18 31/19 31/23
                                                                                                                                                                             public [1] 182/8
pull [3] 103/2 104/8 158/3
pulled [1] 42/20
pump [1] 27/4
                                                                                          53/25 55/21 58/6 58/14 58/16
76/16 76/18 78/5 78/11 78/12
78/23 78/24 103/18 113/5
                                                                                          113/11 113/11 113/16 113/16
113/20 114/14 116/1 116/17
120/4 123/22 123/23 125/13
125/17 125/20 125/25 126/1
                                                                                                                                                                             pump [1] 277
punish [1] 96/24
purchase [1] 5/8
pure [3] 9/7 10/23 179/11
   31/24 32/3 32/5 32/23 86/23
   87/4 87/6 87/8 89/18 89/21
90/9 90/14 91/1 91/12 93/17
                                                                                                                                                                              pure [3] 9/7 10/23 179/11
purely [3] 10/22 60/23 60/24
   93/22 93/25 94/5 171/8 171/9
                                                                                          127/17 130/4 131/23 145/12
prehearing [1] 70/20
premise [2] 103/5 127/5
prepared [6] 4/4 9/15 9/16
9/16 9/17 135/1
                                                                                          147/21 149/6 149/17 149/17
                                                                                                                                                                              purification [3] 55/8 76/7
                                                                                         156/7 156/8 157/18 157/22
158/15 163/5 166/22 181/20
184/14 185/8 185/9 185/11
186/6 188/9 193/3
                                                                                                                                                                              purpose [4] 15/22 67/16
122/9 165/18
prepares [1] 5
prescribed [1]
presence [3] 6
                                       753/4
1 121/24
                                                                                                                                                                              purposes [4] 11/9 11/21
                                                                                      processes [2] 67/24 117/15
processing [1] 88/13
procured [1] 121/16
procurement [1] 5/13
procuring [2] 119/23 126/11
                                                                                                                                                                             48/12 52/2

pushed [1] 119/16

put [10] 65/17 81/18 115/21

139/9 160/25 165/3 167/21
                                       63/1 158/12
  187/22
present [6] 3/11 14/22 18/12 86/13 142/16 157/23 presentation [14] 3/16 4/6
                                                                                                                                                                                 167/22 173/4 184/2
```

P	reached [2] 36/18 40/18	referred [4] 42/24 64/18
puts [4] sel 15.057 md-02083-RW	read [6] 58/24 89/23 108/14 (T18D/0icus)@int #90/17Filed 03/22/.	66/22 81/7   Inefelogle 62/25] Of 2/35/13
Q	reaffirm [1] 77/7	47/12 67/10
QA [1] 192/21 QA/QC [1] 192/21	reaffirmed [2] 26/14 75/22 real [4] 24/14 80/10 81/2	reflected [4] 66/9 74/10 87/12 196/3
QAR [3] 158/19 184/7 188/1 QARS [4] 50/15 51/9 60/16	122/1   realities [2] 67/12 126/3	reflecting [1] 83/24 reflects [1] 78/1
84/6 QC [2] 192/21 197/8	reality [1] 129/25 really [31] 10/15 16/1 20/3	refuse [2] 97/18 120/16 refute [3] 69/16 69/17 100/4
QED [1] 73/20 qualifier [1] 8/18	20/23 22/20 31/20 32/6 32/11 32/18 33/25 36/8 54/8 58/2	regard [3] 72/1 77/8 96/18 regarding [8] 3/22 6/15
quality [1] 91/7 quality [9] 7/16 49/6 50/14	69/7 78/4 87/9 87/10 87/21 93/21 94/1 96/4 96/12 96/13	21/22 64/11 75/14 77/18 100/5 102/2
77/15 131/18 176/22 177/10 192/19 192/25	97/11 103/24 107/10 164/15   178/11 179/18 188/6 196/24	regardless [1] 125/23 regime [1] 95/25
question [81] 11/11 11/13 13/21 13/25 15/17 15/22 17/6	realm [2]	registry [1] 95/12 regular [3] 52/11 52/15
20/10 20/17 20/24 23/24	reappear [1] 69/2 reason [15] 41/25 48/7 50/4	150/25   <b>regularly [3]</b> 165/19 186/17
24/13 26/15 26/16 26/21 27/1 27/24 28/18 32/10 33/11	53/20 53/22 57/10 81/11 87/7   94/21 115/4 120/17 141/13	187/22   regulate [1]   96/25
33/12 33/16 38/20 43/25 44/5 63/24 72/5 72/19 72/24 73/2	182/6 182/12 184/20 reasonable [1] 130/23	regulate [1] 96/25 regulating [1] 87/14 regulation [1] 29/11
73/22 73/23 73/25 74/1 74/14 77/20 78/5 79/12 79/21 82/2	reasons [8] 9/12 46/21 59/13 60/25 62/21 102/8 140/13	regulations [16] 19/6 19/8 19/11 19/17 24/3 24/4 26/4
84/19 85/21 85/25 86/1 86/4 87/21 87/24 94/7 96/13 102/3	163/14 rebuttal [2] 195/8 195/13	56/13 110/12 111/13 112/13 120/10 142/1 149/3 174/7
104/25 106/2 111/4 115/5 115/7 115/9 117/25 119/8	recall [13] 10/13 74/19 76/15 78/2 104/1 104/11	182/5   regulatory [8]   95/25 113/1
122/1 135/2 138/16 139/1 139/11 140/10 140/15 141/18	106/15 108/8 108/8 108/12 109/8 114/6 114/12	121/14 146/20 147/8 148/12 148/23 151/15
142/21 145/9 145/25 157/10 157/24 164/18 164/25 172/1	recalls [1] 76/14 receive [6] 22/16 54/5 91/18	reinforce [1] 62/13
172/12 178/20 184/14 184/15 184/15 187/16 192/4	92/12 92/21 92/22 received [3] 14/18 126/18	relate [3] 134/25 155/2 193/23
questioning [2] 100/14 101/20	192/19 receives [1] 40/20	related [8] 11/17 32/8 55/17 66/19 87/23 88/12 88/13
questions [32] 10/24 15/5 22/6 30/17 32/18 34/13 34/24	receiving [1] 92/19 recent [4] 20/8 27/16 27/23	152/3   relatedly [1] 33/25
38/18 48/12 62/22 86/5 98/9 117/16 121/23 134/25 139/4	28/17 recently [1] 70/19	relates [3] 33/15 130/6 194/13
139/12 140/25 158/1 160/6 164/21 164/22 174/18 179/17	recess [3] 86/14 86/18 145/3 recited [3] 19/6 24/4 26/4	
187/9 187/12 188/13 188/15 194/20 195/2 196/3 196/8	recites [2] 8/24 8/25 reckless [1] 179/9	124/19 137/4 161/18 171/3 171/3 185/6
quick [5] 18/20 24/1 26/2 55/23 81/2	recognize [4] 15/1 15/2 86/24 90/1	relative [1] 189/19 relax [1] 25/22
quickly [8] 17/4 24/14 25/10 27/9 52/18 66/14 88/7 88/19	recognized [1] 33/2 recognizes [2] 87/24 162/5	relegated [1] 26/19 relevance [1] 24/19
quintessential [3] 68/18 88/11 88/23	recollection [1] 185/21 recommendations [1] 183/7	relevancy [1] 12/19 relevant [23] 8/17 8/22 9/3
quite [8] 15/25 16/1 89/11 91/2 100/7 179/20 181/22	record [28] 8/23 9/4 9/5 9/8 9/14 23/15 31/7 34/22 34/25	10/3 10/15 10/15 12/17 12/19 13/3 15/8 15/9 24/24 28/9
187/21 quote [6] 22/14 24/10 28/8	35/5 38/9 38/16 39/6 51/19 51/24 54/8 88/8 89/13 90/21	28/9 29/18 33/11 42/18 79/14 80/15 87/2 92/23 94/2 94/5
74/11 80/17 101/5 quoted [3] 5/16 30/9 80/16	99/16 105/9 107/16 122/23 156/25 179/16 183/1 186/9	relied [5] 83/12 163/21 163/22 176/21 177/9
<pre>quotes [2] 30/4 87/12 quoting [1] 100/24</pre>	188/17   1/22   1/22	relief [1] 156/15 relies [1] 66/3
R	recyclables [2] 148/4 148/6 recycling [6] 64/25 69/22	rely [16] 10/8 10/10 10/19 66/4 83/11 126/1 131/16
Radin [2] 133/12 180/14 raised [6] 15/4 20/16 32/24	88/5 151/22 191/7 191/10 red [6] 53/5 70/25 70/25	162/8 162/11 162/17 163/2 163/3 163/5 183/6 183/22
88/24 89/18 139/14 raises [1] 30/18	73/1 82/25 158/6   reduce [2] 46/25 136/16	183/22  relying [4]   117/2 132/5
ramp [2] 76/22 77/1 rank [1] 11/16	reduced [3] 105/20 124/18 153/16	134/8 162/15   remain [1] 166/7
rare [1] 134/4 rather [5] 57/5 90/12 106/19	redundant [1] 75/20  refer [1] 105/11	remains [3] 18/16 130/19 184/21
171/19 184/3 rationales [2] 15/13 15/15	<b>reference [15]</b>	remand [4] 27/12 33/20 69/10 164/21
RAZI [6] 1/15 2/8 14/6 35/2 68/25 98/11	57/20 67/6 111/13 112/17   154/20 154/23 155/16 170/21	remarkable [1] 69/25 remarks [1] 98/12
RCRA [1] 57/13 re [4] 1/3 75/22 77/6 199/8	174/9 referenced [9] 3/21 4/1	remediating [1] 120/20 remediation [1] 191/23
re-assess [1] 77/6 re-assessed [1] 75/22	31/21 37/17 56/23 57/12 57/14 125/21 154/21	remedies [3] 26/23 95/4 95/9 remedy [1] 96/7
reach [3] 40/17 47/6 99/21		
L	<u> </u>	

```
remember [2] 101/17 124/6 response [6] 11/2 33/10 roles [1] 39/7 rolls [1] 151/14 remove [1] 148/11 181/10 response [1] 148/11 remove [1] 87/9 render [1] 81/13 repair [1] 177/11 repeat [1] 67/9 repeatedly [2] 74/23 21/4 responsible [26] 29/16 60/5 roles [1] 39/7 roles [1] 13/10 113, responsible [1] 13/10 113, responsib
                                                                                                                                                                                         184/11 184/11 186/16
                                                                                                                                                                                                              113/10 113/16 114/14
                                                                                                                                                                                                                    113/22 114/3 114/7
                                                                                                                                                                                                                    9/17 166/19
                                                                                             responsible [26] 29/16 69/5 70/6 71/5 77/6 80/13 138/19 143/2 143/4 146/22 147/11
                                                                                                                                                                                                                        85/8 111/21
  repeat [1] 67/9
repeatedly [2] 74/23 81/4
repeating [2] 84/20 84/24
replicate [1] 106/21
report [7] 116/12 143/4
176/12 177/12 178/3 193/5
                                                                                                                                                                                       route [4]
                                                                                                                                                                                                                       21/7 136/12 136/13
                                                                                                149/1 161/11 173/7 173/10
                                                                                                                                                                                         162/7
                                                                                            149/1 161/11 1/3/7 1/3/10

175/1 175/4 175/6 175/10

175/12 177/16 182/9 185/18

186/23 190/7 193/9

rest [2] 55/25 75/10

restart [1] 44/16

result [8] 23/22 32/2 34/20

51/19 70/8 80/22 164/6
                                                                                                                                                                                      routine [1] 118/9
routinely [1] 131/23
ROWPUS [4] 75/8 75/8 76/7
     194/13
                                                                                                                                                                                         193/13
  reported [2]
Reporter [4]
199/3 199/20
                                            160/4 199/5
                                                                                                                                                                                       rule [21] 9/10 17/7 17/9 30/4 34/8 87/5 87/6 87/8
                                             1/19 199/1
                                                                                                                                                                                          90/14 90/20 91/12 91/21
   reporting [2] reports [5]
                                               7/16 7/17
                                                                                                                                                                                          92/20 93/15 93/22 94/12
                                                                                                188/24
                                          37/24 111/5
                                                                                             results [3] 50/22 77/17
                                                                                                                                                                                          118/1 122/10 140/5 165/8
     111/9 111/12 163/7
  representative [1] 131/19
representatives [7] 49/6
49/7 50/7 50/15 50/16 50/17
                                                                                                171/19
                                                                                                                                                                                          166/8
                                                                                            resume [1] 145/5
retain [1] 171/10
retained [2] 165
retains [2] 30/11
reticence [1] 18
return [1] 14/4
                                                                                                                                                                                       rules [4] 93/16 124/25 133/23 178/5
                                                                                                                                171/16
                                                                                                                                                                                       ruling [4] 12/10 13/4 24/13 188/22
                                                                                                                                      165/2 189/5
     78/7
                                                                                                                                   30/13 167/1
   represented [3] 53/1 53/11
                                                                                                                                                                                       run [5] 17/2
156/4 167/24
                                                                                                                                         187/7
                                                                                                                                                                                                             17/22 66/14 147/19
     158/6
   represents [1] 79/
reprimand [1] 96/7
request [5] 8/12 9
59/19 78/15
                                                 79/3
                                                                                             reverse [5] 5
193/12 193/20
                                                                                                                                 55/8 76/7 193/10
                                                                                                                                                                                       running [3] 61/9 143/11
                                        8/12 9/13 53/3
                                                                                             review [9] 22/6 25/13 28/14 42/18 49/5 53/5 76/24 79/25
                                                                                                                                                                                       rush [1]
                                                                                                                                                                                      RUSSELL [12] 1/16 2/4 2/7
13/16 14/3 63/23 79/25 80/16
81/7 81/18 84/20 123/14
RWT [2] 1/3 199/9
   requested [1]
   require [12] 21/15 34/4
47/22 47/22 56/11 73/6 79/24
91/8 91/13 97/20 164/7
                                                                                               114/14
                                                                                            reviewed [1] 55/20
reviewing [2] 48/20 49/9
revised [2] 9/15 9/18
                                                                                                                                                                                       RWT-09-md-2083 [2] 1/3 199/9
     178/20
                                                                                             revolutionary [1]
Ricardo [1] 74/6
                                                                                                                                                     149/10
   required [21] 11/8 11/20 45/12 56/10 77/10 85/15 97/24 125/15 127/7 127/11
                                                                                            Ricardo [1] 74/6

right [65] 8/9 13/7 34/10

34/15 37/13 37/22 39/9 39/22

40/15 40/25 41/17 41/23

41/24 41/24 42/1 42/24 44/2

44/14 44/16 45/20 46/20 48/3

48/25 49/3 49/6 51/12 52/5
                                                                                                                                                                                     S-shaped [1]
S.W.A.G [1]
safe [2] 36/
                                                                                                                                                                                                                              136/14
                                                                                                                                                                                                                            107/11
      134/18 134/19 141/19 147/25
                                                                                                                                                                                                                    36/14 141/23
  151/21 153/22 157/14 168/20
171/19 174/7 186/15
requirement [6] 118/16
120/19 133/9 148/13 151/12
                                                                                                                                                                                       safety [10] 24/16 116/5 136/21 138/20 141/16 142/1
                                                                                                48/25 49/3 49/6 51/12 52/5
                                                                                                                                                                                         149/1 149/3 162/16 165/22
                                                                                               52/14 52/21 53/18 56/8 57/2
57/4 59/7 59/20 60/20 61/10
68/8 70/4 70/9 71/25 73/9
                                                                                                                                                                                       said [126] 6/6 8/16 20/11
20/18 22/5 22/17 22/24 23/4
23/13 23/19 25/21 26/24 27/6
28/10 28/12 29/15 30/19
     177/18
   requirements [12] 7/24 36/1 43/1 44/23 55/4 55/7 105/23
                                                                                               81/1 86/16 98/13 102/10
102/10 107/2 117/19 122/25
128/15 141/20 148/20 150/9
155/17 155/22 160/16 161/6
188/23 192/12 195/5 195/19
      111/17 131/13 137/18 143/18
                                                                                                                                                                                         30/21 31/14 33/4 33/7 35/22
36/4 37/10 37/11 41/8 44/2
44/4 44/5 44/7 45/3 54/3
60/7 63/11 65/3 65/21 65/22
     147/3
   requires [5] 58/21 151/6
                                            36/9 38/17 47/6
  requisite [1] 27/7
reserve [2] 63/15 162/8
reserved [2] 16/3 16/19
reside [1] 15/1
residents [3] 138/20 143
                                                                                                197/16 197/18 198/6
                                                                                                                                                                                         65/23 66/12 66/16 68/11
68/13 68/14 70/21 72/12
74/19 76/3 76/5 78/6 78/16
                                                                                            rightly [1] 192/2

ripe [2] 139/17 178/21

Ripon [2] 63/3 63/6

risk [11] 36/8 38/6 39/2

41/22 61/1 61/5 65/17 68/20

68/21 132/15 136/16

risks [9] 36/13 38/4 38/5
                                                                                                                                                                                          78/17 79/11 79/13 81/7 83/12
                                              138/20 141/24
                                                                                                                                                                                          83/16 83/17 83/19 84/11
     149/2
                                                                                                                                                                                         84/20 90/1 90/4 94/6 101/22
102/14 103/7 104/14 107/5
  resolution [1] 9/13
resolve [3] 8/13 11/13 17/21
resolved [2] 78/16 78/18
                                                                                            risks [9] 36/13 38/4 38,

40/10 67/13 77/21 97/25

97/25 183/16

RMR [1] 1/19

road [2] 58/11 144/11
                                                                                                                            36/13 38/4 38/5
                                                                                                                                                                                          107/10 107/18 107/18 110/7
                                                                                                                                                                                          110/21 111/6 111/9 113/19
  resolving [2]
resource [4]
                                               11/10 78/11
                                                                                                                                                                                         114/24 115/2 119/17 120/9
120/17 120/18 120/21 120/23
125/10 125/23 128/10 128/20
128/23 129/8 134/11 136/4
                                           36/1 36/12 61/7
     61/10
                                                                                            road [2] 58/11 144/11
roadmap [2] 13/11 191/3
Robbins [6] 58/1 58/2 58
134/2 159/23 167/8
Robbins' [4] 58/4 158/5
158/13 187/21
   resources [4] 94/18 106/9
                                              67/15 67/17
                                                                                                                                   58/1 58/2 58/9
                                                                                                                                                                                         136/10 136/11 138/16 138/24
139/6 140/12 149/23 149/25
150/4 150/24 151/1 151/4
   respect [19] 5/15 25/25 102/18 110/19 113/21 117/23
      124/20 129/2 137/2 142/6
                                                                                                                                                                                          154/22 160/5 162/20 163/1
      151/20 156/8 156/13 157/14
                                                                                                                                                                                      154/22 160/5 162/20 163/1
165/8 165/20 169/10 170/19
172/1 172/14 173/5 175/18
179/22 181/3 182/20 183/10
183/12 196/7 196/22 199/9
199/12 199/14
sake [2] 27/11 32/4
Saleh [23] 18/1 28/21 28/21
28/24 28/25 29/2 29/3 29/4
                                                                                            ROBERT [1] 1/15
robust [5] 39/24 15
177/5 177/25 179/15
      179/6 185/10 189/20 193/8
                                                                                                                                39/24 156/17
     194/12
                                                                                            Rock [7] 4/14 93/7 119/21
119/21 121/17 125/25 150/22
ROGER [5] 1/8 43/25 49/14
75/14 185/25
   respected [3] 121/8 164/13
     184/14
  respectfully [1] 9/13
respective [1] 194/24
respects [1] 137/3
respond [2] 139/3 139/15
responded [1] 44/5
                                                                                             rogue [1] 83/16
role [6] 44/22
                                                                                                                        44/22 98/8 110/9
                                                                                                                                                                                          30/3 30/11 30/22 31/11 89/23
```

```
39/9 43/17 54/22
                                                                                                                                                              106/19 117/1 119/16 121/15
                                                                              section [6]
saleh Casalon 088/12402083-RW secure unient 489 Filed 03/22/17/1467age6823 070/35174/1
                                                                              security [6] 59/13 67/11 67/25 162/16 162/18 187/4 see [46] 35/18 39/6 52/11 53/3 55/3 55/9 55/16 55/19
                                                                                                                                                              174/5 174/6 174/9 189/5
  166/9 167/12 176/6 187/3
                                                                                                                                                              189/22 190/3 193/8
Salerno [2]
salient [1]
SALZBERG [1]
same [33] 5
                                 68/2 68/2
                                                                                                                                                            serving [4] 80/6 95/7 98/25
                                 13/19
                                                                                                                                                          136/7

SESSION [1] 145/4

set [32] 16/15 18/8 24/25
25/19 30/11 32/8 42/25 94/25
117/21 118/21 121/19 122/5
122/6 123/25 125/13 126/5
136/9 137/24 145/12 145/14
146/5 146/13 148/11 149/19
152/21 153/19 154/11 157/17
161/21 171/15 177/16 192/16

sets [6] 30/3 131/9 131/10
131/17 154/12 166/23

seven [1] 69/1

several [12] 7/9 10/2 15/2
22/8 52/1 76/20 78/3 78/3
98/17 99/10 179/11 193/17

shall [17] 30/15 138/19
142/10 142/11 143/4 143/6
                                                                                                                                                              136/7
                                    1/12
                                                                                56/16 56/17 56/23 68/14 75/4
75/20 82/14 89/25 98/15
                             5/18 8/21 14/2
  15/14 15/15 19/3 24/2 24/3
24/23 36/16 36/19 41/1 41/2
41/16 43/25 55/2 60/25 61/10
                                                                                104/17 110/22 111/8 113/24
113/25 114/2 114/4 122/6
                                                                                123/12 126/13 136/8 137/5
137/21 138/19 147/22 150/1
  61/10 61/11 71/21 74/11
103/4 116/10 118/14 139/23
140/19 141/15 141/15 141/17
                                                                                151/10 152/9 154/18 155/1
155/15 158/12 158/17 159/12
165/18 168/16 169/21 181/18
155/18 156/1 186/7

Sanchez [33] 35/7 35/11

36/10 39/10 40/23 41/17 42/9
                                                                                186/10
                                                                              seeing [1] 186/7
seek [6] 26/14 98/4 124/13
125/16 148/22 156/15
  53/24 54/11 60/8 66/16 67/7
67/21 74/6 92/15 101/10
102/14 102/23 103/10 103/12
                                                                              seeking [3] 41/15 96/15
   107/5 107/13 107/22 110/25
                                                                                96/16
  113/18 119/6 122/13 125/10
127/12 128/4 131/15 179/20
                                                                                                                                                            shall [17] 30/15 138/19 142/10 142/11 143/4 143/6
                                                                                                       156/10
                                                                              seem [1]
                                                                              seemed [2] 99/22 99/23
seems [2] 62/1 62/5
seen [13] 5/3 36/25 40
   193/23
                                                                                                                                                              146/11 147/13 148/16 148/21
148/23 150/4 151/17 151/21
151/24 153/15 153/17
Sanchez's [8] 5/22 102/16
102/19 103/5 103/23 106/15
107/13 114/18
                                                                                seen [13] 5/3 36/25 40/5 51/19 71/18 71/23 94/11 94/12 94/13 100/20 104/23
                                                                                                                                                           shape [1] 46/3
shaped [1] 136/14
share [1] 14/6
she [18] 43/19 43/20 43/21
50/12 50/13 50/19 59/18
59/22 59/24 59/25 173/5
                                                                                94/12 94/15
154/2 154/15
225 [2] 97/1 184/23
Sanchezes [1] sanction [1]
                                      118/18
                                   96/17
                                                                              -g. eyate [2] 132/14 148/8 segregated [1] 148/14 self [5]
                                                                              sees [2]
sanctions [1] 96/2
sandbox [2] 104/4 196/23
sat [3] 36/16 48/23 119/20
sat [3] 36/16 48/23 119/20
satisfied [3] 141/10 141/11
                                                                             segregated [1] 148/14

self [5] 140/12 162/10

162/14 164/8 189/23

self-managed [1] 140/12

self-protection [1] 162

self-sufficient [3] 162
                                                                                                                                                           59/22 59/24 59/25 173/5

178/14 181/19 181/21 181/22

182/20 183/2 198/3

She's [1] 183/25

Sheridan [3] 50/2 50/6 51/6

Sheridan's [1] 50/11

sheriff [2] 49/1 49/2

shielded [1] 28/14

shift [1] 27/16

shifts [2] 17/13 39/1

Shimari [9] 27/17 27/19 28/2

28/12 168/2 176/7 177/4

178/12 178/18
  165/10
saw [9] 37/12 68/7 78/22 83/17 103/20 103/22 158/11
                                                                                                                                    162/10
                                                                                                                                    162/14
  176/6 184/18
                                                                                164/8 189/23
say [59] 3/7 8/14 11/1 14/21
17/16 27/2 27/23 44/3 47/7
56/5 57/5 57/21 60/10 69/13
                                                                             semantic [2] 79/10 80/25
seminal [1] 28/21
Senate [1] 95/17
send [1] 196/17
senior [2] 58/9 125/22
sense [6] 11/15 11/17 60/24
83/23 91/13 99/23
   72/25 73/21 76/3 76/4 78/7
                                                                                                                                                                                         17/13 39/1
27/17 27/19 28/3
  79/16 79/18 80/2 80/6 83/22
83/24 89/20 93/17 96/16
97/14 99/14 102/22 104/22
                                                                                                                                                              178/12 178/18
  104/23 108/14 110/7 110/18
113/13 114/15 114/16 120/3
120/9 126/3 128/12 135/18
138/3 139/7 146/12 146/13
                                                                              sensed [1] 101/20
sensitive [20] 15/23 16/2
16/17 16/24 21/2 25/13 25/15
28/16 32/19 67/3 73/8 80/22
                                                                                                                                                           shipped [1] 148/2
shipping [1] 61/9
shooter [1] 135/22
short [3] 139/16 159/25
  146/14 150/9 152/8 156/9
170/20 170/20 175/16 192/15
195/12 195/16 196/15
                                                                                90/18 98/6 102/1 110/1 121/7
145/10 155/11 156/13
sent [2] 130/7 140/7
                                                                                                                                                              168/5
                                                                                                                                                           shorthand [2] 199/6 199/13
shortly [1] 197/23
should [34] 8/24 9/4 9/5 9/8
10/9 18/6 33/15 33/21 37/21
56/6 56/9 62/20 69/9 79/12
94/23 95/21 98/3 102/8
                                                                              sent [2]
saying [7] 56/8 60/8 67/2
109/3 111/2 120/12 143/23
says [26] 22/19 38/4 40/1
40/14 41/24 41/24 43/12
                                                                              sentence [3]
                                                                                                                25/11 108/14
                                                                                109/2
                                                                              separate [10] 16/6 17/18
71/21 90/6 90/16 123/16
123/18 146/25 148/8 190/12
  43/21 44/21 45/2 45/12 50/19
53/24 55/5 56/23 74/8 84/2
                                                                                                                                                               105/22 108/17 119/16 129/24
                                                                             separated [1] 123/24
separating [1] 191/22
separation [9] 15/19 73/
85/10 115/5 115/8 115/10
121/11 145/9 151/14
                                                                                                                                                               133/5 133/5 139/20 148/20
91/5 93/12 110/6 118/6 119/6
119/6 129/10 155/5 181/15
scheduled [1] 3/6
                                                                                                                                                               149/24 150/12 156/10 178/10
184/4 189/17 191/4 191/25
                                                                                                                       15/19 73/13
                                                                                                                                                            shouldn't [3] 108/14 111/10
                           18/19 171/8 186/3
scope [3]
Scotch [1]
                                                                                                                                                              114/17
                                                                             sergeant [2] 143/12 166/22
serve [1] 159/8
served [1] 99/2
serves [2] 38/24 149/14
service [19] 35/16 36/14
39/18 46/7 47/7 48/19 49/8
55/12 60/12 78/14 80/20
80/20 80/21 90/2 118/4
120/13 124/7 143/2 181/5
                               58/25
                                                                                                                                                            show [10] 17/13 23/21 25/25 42/21 53/22 79/9 82/6 102/21
screaming [1] 197/17
screen [6] 35/19 54/24
152/13 160/16 161/2 161/6
                                                                                                                                                               112/6 191/12
                                                                                                                                                             showed [3] 84/10 101/4
scrutinize [2] 96/15 96/16
scrutiny [2] 15/23 21/24
se [3] 118/1 140/5 165/7
                                                                                                                                                               159/25
                                                                                                                                                           showing [2] 23/17 90/21
shown [2] 10/2 82/9
shows [3] 12/5 24/10 99/1
shut [1] 162/21
sick [1] 35/16
searching [1] 21/24
second [32] 8/16 21/12 25/3
25/13 33/19 46/19 61/14
64/12 73/7 73/14 74/18 96/11
                                                                                120/13 124/7 143/2 181/5
services [55] 6/20 6/22 8/1
                                                                              services [55] 6/20 6/22 8/1 8/1 41/9 41/11 41/11 44/14 45/5 49/6 50/21 50/21 53/16
                                                                                                                                                            side [19] 46/23 46/23 58/11 64/25 66/8 66/9 101/8 101/9
   96/12 96/13 115/6 115/9
  115/11 115/25 116/2 129/12
139/13 145/10 149/21 154/10
154/10 154/11 156/9 157/5
157/16 157/21 157/22 178/15
                                                                                                                                                              108/20 113/19 125/24 133/13
135/22 135/22 144/11 165/18
167/3 167/3 182/2
                                                                                55/14 55/16 55/22 66/23
66/24 67/4 68/3 74/3 74
                                                                                74/16 75/5 75/6 75/9 75/10
79/5 82/13 84/8 88/5 90/3
90/5 90/15 96/18 106/6
                                                                                                                                                            sides [3] 14/22 194/23
194/25
seconds [1] 197/6
secret [1] 37/12
```

```
somewhat [1] 90/1
somewhere [1] 83/
                                                                   30/25 31/3 31/14 33/6 35/4
sight 61se $4.00 md-02083-RW T400 mc um ent 480 3 Hip dis03/22/
                                                                                                                                 somewhere [1] 83/15
Ison Rage 22/40f 235
                                                                                                                                  soner [2] 3/9 150/11

sop [12] 40/13 57/16 57/17

57/19 152/2 154/23 155/1

155/3 155/11 155/15 155/24
                                                                   42/19 44/9 44/15 44/24 45/5
sign [1]
                                                                   45/14 46/4 46/9 46/15 46/18
significant [6] 18/18 104/2
115/4 140/16 141/7 145/23
                                                                   46/20 47/5 47/10 48/5 49/21
50/24 51/8 52/20 53/17 54/6
significantly [2] 117/10
                                                                   50/24 51/8 52/20 53/17 54/6

55/6 55/9 55/23 56/4 56/19

57/20 57/23 59/13 60/2 61/11

61/18 63/16 63/20 64/8 64/19

64/22 65/9 66/5 67/17 67/17

68/14 69/12 71/7 72/2 72/6

72/9 73/9 73/16 73/17 73/9
                                                                                                                                     155/25
                                                                                                                                  SOP's [1] 156/1
SOPS [2] 152/3 154/25
sorry [8] 22/10 91/24 103/3
106/25 111/1 123/6 138/15
  144/19
silo [4] 33/5 33/6 71/10
  72/7
silos [2] 71/15 105/13
Silverman's [1] 89/24
similar [4] 74/10 118/1
133/18 155/20
                                                                   72/9 72/9 72/16 72/17 73/9
74/18 74/21 75/16 76/7 76/11
77/5 79/18 81/11 81/23 82/15
                                                                                                                                     168/14
                                                                                                                                  sort [19] 20/8 24/16 26/23
28/10 35/24 38/10 43/10
52/10 52/18 54/16 60/4 61/18
64/6 75/18 78/21 83/16
130/16 132/14 147/24
sorting [1] 174/24
sounds [1] 64/13
soup [1] 150/11
                            74/10 118/12
similarly [3] 51/2 179/10
                                                                   83/19 85/2 87/1 87/17 87/20
88/21 88/22 90/18 91/5 91/15
simple [5] 28/11 28/11 95/6
140/17 168/1
simpler [1] 62/7
simply [20] 10/16 44/4 47/20
62/8 64/3 80/10 80/24 83/20
                                                                   93/4 93/14 93/20 97/19 99/18
100/4 100/6 100/7 101/7
103/25 105/22 107/13 107/23
                         10/16 44/4 47/23
                                                                   108/3 108/14 109/11 110/5
110/6 110/13 111/8 112/9
112/13 117/16 117/20 119/23
124/13 126/20 130/19 132/5
                                                                                                                                   SOUTHERN [1] 1/2
spaced [2] 136/10 136/19
speak [4] 13/20 114/22
147/10 161/7
  91/2 91/15 95/1 122/22
127/10 130/23 140/23 156/24
  157/20 159/8 169/23 177/4
                                                                   132/5 134/23 135/13 139/7
139/15 142/2 142/19 142/25
144/23 150/14 151/19 153/12
since [4] 71/1 81/7 153/21
                                                                                                                                   speaking [3] 6/16 127/8
  179/14
                                                                                                                                     177/13
single [12] 17/1 17/2 20/1 26/7 27/4 60/5 60/15 82/17 83/18 83/19 89/8 198/1
                                                                   155/4 155/8 155/16 156/17
161/7 166/18 166/22 167/18
168/1 168/1 169/14 169/19
                                                                                                                                   speaks [4] 38/16 153/7 170/5
                                                                                                                                     179/18
                                                                                                                                   special [3] 108/20 108/22 165/16
Singleton [10] 43/25 44/5 49/14 67/22 75/14 78/1 78/16
                                                                    170/10 173/7 177/12 177/22
                                                                                                                                   specialist [1] 106/12
specific [31] 20/22 20/22
                                                                   178/21 179/13 181/13 182/3
  114/24 176/10 185/25
                                                                                                                                  specialist [1] 20/22 20/22
20/23 21/14 25/9 30/11 39/22
45/7 45/11 46/17 47/6 47/9
54/7 54/13 55/7 82/17 104/11
108/12 135/7 135/8 144/16
                                                                   183/15 185/2 185/22 188/21
sir [4]
                  43/15 51/18 172/24
                                                                   192/22 194/1 194/25 195/1
196/24 197/9 197/20 198/1
so-called [4] 69/12 72/16
  180/4
sit [4]
135/22
                   73/7 119/23 120/3
                                                                  so-called [4]
74/21 81/11
  ite [13] 58/9 104/13 141/16
142/20 143/17 153/9 158/14
158/16 159/13 162/13 164/12
                                                                                                                                    147/19 156/21 165/14 166/16
168/13 170/5 177/13 181/8
181/14 185/21
site [13]
                                                                  soldier [7] 83/19 135/22 166/18 167/3 167/13 167/23
                                                                   182/15
  165/24 169/9
                                                                                                                                   specifically [23] 25/18 38/3
43/8 46/18 47/3 49/25 50/5
50/12 50/18 51/25 52/7 54/5
54/23 56/23 74/13 142/3
                                                                  soldiers [8]
                                                                                              54/10 97/25
sites [2] 113/23 150/2
sitting [2] 67/24 101/17
situation [26] 36/11 36/12
36/12 39/25 93/19 118/12
                                                                   107/16 132/16 144/20 163/20
166/1 193/21
                                                                  sole [4] 23/21 32/14 88/1
                                                                                                                                  146/21 147/8 147/10 150/20
155/2 166/14 182/21
specifications [1] 110/12
specificity [3] 105/24
105/55 110/22
                                                                   90/11
   126/20 130/6 134/5 134/7
                                                                 solely [1] 141/9
solid [6] 50/20 148/3 150/25
151/10 151/18 151/20
  136/4 137/10 137/21 137/23
138/12 138/24 142/16 143/10
  144/13 144/18 159/12 162/4
                                                                  solution [1] 194/4
165/10 165/12 165/22 166/20
situations [1] 166/6
six [4] 51/21 51/23 65/24
                                                                 some [70] 6/16 6/17 9/13
10/4 10/5 15/4 15/5 17/22
18/3 19/6 24/1 24/21 24/22
29/7 30/17 30/18 34/21 35/1
                                                                                                                                   specifics [1] 114/13
specified [2] 108/16 143/3
specify [3] 105/21 105/25
six [4]
99/18
                                                                                                                                     106/1
six million [1] 99/18

size [6] 120/25 149/5 149/6

154/6 156/21 194/4

sizes [1] 154/5
                                                                   35/24 39/21 40/5 42/25 46/7
48/11 53/21 54/5 54/7 56/13
57/9 57/15 58/22 71/18 72/17
                                                                                                                                  speculate [1] 97/3
speed [2] 21/7 136/9
speeds [1] 136/14
                                                                                                                                  spelled [2] spend [1] 2
skepticism [1] 10,
sleepy [1] 155/20
                                                                   75/8 77/25 78/10 80/18 82/3
                                                                                                                                                              111/16 124/7
                                  10/3
                                                                                                                                                          28/24
                                                                   82/10 86/20 88/15 98/5 104/4
sleepy [1] 155/20
slide [27] 14/12 15/10 26/2
30/6 36/4 47/1 65/19 66/18
                                                                                                                                   spending [1] 18/3
spent [2] 37/13 42/14
                                                                   107/22 110/13 117/16 136/13
139/6 139/12 140/8 141/13
143/12 150/15 152/14 157/7
                                                                                                                                  spirited [1] 184/8
spoke [4] 65/19 163/18
175/19 183/2
  70/1 70/23 71/17 73/1 78/1
                                                                   158/8 160/2 168/6 168/21
  80/12 81/12 88/18 97/2
                                                                   174/17 184/8 187/7 188/25
189/7 189/21 191/3 192/21
  116/16 119/2 137/7 150/18
152/12 158/3 158/4 158/17
                                                                                                                                  spoken [1] 133/1
spring [1] 36/24
staff [3] 49/18 62/4
stage [1] 88/16
stages [2] 191/20 1
stand [6] 35/5 60/3
118/20 143/8 164/11
                                                                 192/23 194/16 197/8

somebody [6] 77/2 83/16

134/14 134/20 167/8 183/15

somehow [10] 57/5 57/10

59/25 61/2 61/15 62/1 84/12
   178/15 192/9
                                                                                                                                                          49/18 62/4 62/5
slides [14] 14/13 14/14 35/1
86/8 86/20 87/1 88/15 94/25
143/22 152/13 152/24 188/12
                                                                                                                                                          88/16
191/20 191/24
35/5 60/3 112/6
   194/17 197/22
                                                                   102/24 104/24 114/16
slightly [1] 57/17
small [2] 70/3 94/9
SMITH [1] 1/12
                                                                 someone [1] 124/3
something [24] 9/20 11/17
45/19 58/25 60/14 66/22
69/14 71/12 78/8 84/14 91/9
                                                                                                                                   standard [19] 57/21 80/10 91/3 91/4 91/15 129/11
                                                                                                                                    129/13 131/17 131/20 138/24
142/14 142/15 153/23 154/23
161/21 163/11 174/8 190/25
smoke [2]
                        46/25 153/18
so [184] 5/18 8/19 9/2 9/4 9/4 9/14 9/17 10/11 10/11 10/12 10/19 12/11 12/18
                                                                   91/14 94/22 122/22 137/1
139/18 140/17 148/6 150/15
                                                                                                                                     192/17
                                                                                                                                   standards [60] 17/4 19/19
19/22 20/4 22/6 25/17 25/22
26/8 96/11 98/4 98/5 105/17
                                                                   160/25 183/8 183/10 183/13
  13/13 15/10 16/22 17/22
                                                                   183/24
  18/20 20/6 21/19 22/3 23/13
24/19 28/2 28/17 28/23 30/3
                                                                  Sometimes [1] 166/7
```

```
Strategic [2] 26/15 26/21 190/4

streams [1] 7/16 supplement [1] 124/9

108/24 112/10 112/17 112/21 strikecuzien8480 9 Filed 03/22/1supplement 29[0] 23524/7
                                                                          stripped [1] 116/24
structure [12] 115/14 116/4
141/5 161/9 168/4 168/8
169/2 169/2 169/11 181/11
   112/21 113/2 113/6 117/8
  120/22 120/23 121/19 124/1
124/16 126/4 126/5 126/8
126/19 128/7 131/10 131/11
                                                                             182/22 190/14
   133/7 134/19 134/24 142/17
  142/18 145/14 146/5 146/5
146/19 147/8 148/23 149/20
151/8 151/16 152/22 154/8
                                                                           structured [1] structures [2]
                                                                                                                  188/14 188/15
                                                                          subcontracted [1] subcontractor [1]
                                                                                                                         180/25
                                                                                                                         175/22
   154/9 154/13 155/9 156/20
                                                                          subcontractor [1] 1/5/22
subcontractors [9] 80/14
164/14 173/11 173/16 175/7
185/17 185/18 185/20 190/5
subject [14] 17/8 64/1 85/4
106/11 116/9 126/1 131/19
157/13 157/23 159/18 177/17
177/19 189/18 193/8
star [4] 36/22 133/14 180/15
 start [4] 46/7 46/15 50/10
                                                                             146/3 146/17 153/11 172/2
183/6 183/15 189/16
started [2] 55/24 76/18
starting [4] 35/7 45/20
52/12 88/2
starts [2]
                                                                           subjected [2]
                                                                                                              87/16 96/1
                                                                          subjected [2] 58/22
subjectively [1] 58/22
submission [2] 9/1 195/18
submissions [1] 98/18
submit [15] 3/13 9/18 18/18
starts [2] 73/14 159/20
state [24] 16/10 16/11 16/
18/8 30/23 31/2 31/9 32/20
                              73/14 159/20
16/10 16/11 16/16
                                                                           submit [15] 3/13 9/18 18, 31/6 32/16 34/6 73/9 87/7
  87/9 87/10 87/13 87/16 93/20 95/2 95/23 96/10 97/4 97/7
                                                                            90/19 95/20 98/2 98/8 136/5
168/8 168/20
                                                                         subordinate [1] 40/14
subordinates [1] 128/2
subpoints [1] 189/7
subscribed [1] 199/15
substances [3] 68/17 1
132/25
  97/23 98/4 98/7 102/4 111/23
  171/3
                                                                                                                      128/20
stated [5] 12/25 59/22 82/4 127/12 148/24
statement [30] 10/13 40/6 42/16 43/21 45/3 45/4 45/6
                                                                                                                  68/17 132/21
  45/21 46/8 52/22 52/23 52/25
53/18 54/15 54/20 55/19
70/24 100/13 100/23 108/2
                                                                          substantial [1] 68/4
substantive [1] 40/25
substitute [2] 85/6 115/12
substituting [1] 197/13
success [1] 67/5
successfully [1] 97/4
succinctly [1] 181/3
such [13] 15/21 25/22 26/17
26/17 26/18 31/23 38/5 60/7
90/3 90/5 97/18 120/7 122/9
suffered [1] 99/6
   108/19 134/18 141/25 142/25
   148/16 150/1 150/6 150/20
151/9 151/16

statements [12] 43/3 43

43/13 44/10 44/13 44/22
                                        43/3 43/10
   51/10 59/23 62/16 100/17
102/17 112/16

states [21] 1/1 1/9 1/19

19/24 36/22 40/4 48/14 63/15
                                                                          suffered [1] 99/6
sufficient [9] 31/5 31/5
47/21 140/1 162/14 164/8
169/7 189/23 195/18
suggest [6] 34/6 38/13 61/15
177/6 184/21 187/19
suggested [3] 4/17 23/15
   63/16 94/14 118/14 123/23
  142/9 145/12 145/17 146/22
147/2 149/9 179/7 180/22
  199/4
stationed [1] 158/7 status [7] 117/23 162/9 165/9 166/10 166/11 171/22
                                                                             176/25
                                                                          suggesting [1] 165/7

suggestion [8] 106/2 129/20

130/21 132/8 157/18 165/6

177/24 191/7

suit [6] 15/21 18/8 25/12

27/25 118/5 189/19

suits [3] 20/9 87/16 98/8

summarize [4] 13/18 20/1

72/9 88/15

summarized [2] 20/9 64/2
  184/16
statute [1] 80/4
statutory [1] 121/14
Steinbugl [3] 132/23 174/25
  174/25
stem [4]
                      32/12 87/20 87/25
  88/10
stems [2] 88/22 98/5
stenography [1] 1/22
step [13] 39/3 41/3 42/19
44/9 48/5 48/5 52/20 55/23
67/14 82/25 184/1 184/1
                                                                          summarized [2] 20/9 64/2

summary [5] 17/15 17/16

17/17 18/20 188/12

superior [1] 167/14

superseded [1] 131/25

supervise [5] 29/10 127/22

171/1 171/6 175/17

supervised [1] 159/24

supervising [10] 19/25 80/2
  186/15
steps [2] 13/1
Steve [1] 126/
Steven [1] 173
stick [1] 48/2
still [5] 112/
151/11 164/13
                           13/12 76/17
                           126/7
                              173/6
                           48/23
                                                                          supervising [10] 19/25 80
158/9 158/22 173/8 173/10
                                                                                                                      19/25 80/14
                           112/7 112/9 136/6
                                                                          175/1 175/6 175/10 175/12

supervision [12] 29/16 134/2

142/13 161/15 163/21 172/7

172/12 175/16 177/3 181/12

181/16 185/18

supervisor [5] 167/7 167/9

167/10 171/5 176/12
stipulate [1] 156/5
stop [4] 130/7 130/10 147/23
  152/\bar{1}3
                                                                                                                                                     talked [18] 36/20 36/25 37/1 37/2 41/7 42/8 48/21 59/10 59/22 61/1 67/23 77/24 78/5 104/2 113/12 114/13 129/2
storping [1]
storage [1]
storing [1]
                                  144/10
                                147/14
                               146/23
storming [1]
story [3] 62
                                165/20
                                                                           supervisory [6] 138/21
142/10 143/7 161/13 161/15
                                                                                                                                                       154/19
                        62/7 89/15 193/24
                                                                                                                                                     talking [8] 42/14 58/7 67/11
straightforward [1] 74/5
```

supprements [0] 23024// supply [1] 106/19 supplying [1] 90/3 support [24] 8/20 9/24 11/22 18/14 25/20 34/7 50/16 66/22 83/21 84/17 84/17 85/4 89/13 116/3 117/10 117/11 117/15 124/14 127/5 141/7 149/8 178/4 178/6 185/13 supported [13] 39/8 52/24 53/1 53/7 53/15 60/6 66/9 76/18 78/7 89/8 149/11 185/13 186/25 supporting [3] 83/2 93/25 146/20 supports [2] 59/15 131/1
suppose [3] 26/17 29/1 **supposed [9]** 109/16 111/3 111/10 120/11 131/19 133/21 133/22 168/22 185/4 supposedly [1] 93/21 supremacy [1] 16/8 supreme [1] 16/10 sure [17] 49/1 58/1 71/16 98/20 116/25 123/11 132/14 133/9 139/7 141/17 141/22 144/6 170/3 172/24 177/17 184/9 197/12 surface [8] 36/19 37/8 79/2 101/1 152/7 152/9 153/6 153/12 surge [1] 107/4 surprise [2] 44/3 83/20 surrender [1] 195/21 surrounding [2] 20/8 11/ surveillance [2] 159/25 20/8 114/13 177/2 surveilling [1] 188/7
survive [2] 82/22 196/19 surveiling [1] 188//
survive [2] 82/22 196/19
suspect [1] 34/17
sustain [1] 86/3
sustained [1] 95/10
Sustainment [6] 41/20 93/8
133/13 150/23 180/16 180/22
synthesize [1] 13/24
synthesizing [1] 14/2
system [9] 25/19 146/12
146/15 151/13 174/8 177/3
177/5 182/11 182/11 177/5 182/11 182/11 TABLE [1] Taji [2] take [28] 2/1 47/2 47/5 3/12 15/8 18/21 32/16 38/24 41/3 58/4 59/1 75/7 76/14 86/5 86/14 120/16 136/11 143/20 144/5 144/25 163/9 165/22 167/21 174/2 174/3 179/16 186/16 195/14 196/18 197/2 197/6 take-away [3] 32/16 58/4 59/1 take-aways [2] 15/8 18/21 taken [5] 77/16 94/12 136/18 166/4 199/13 taking [10] 45/15 45/17 55/23 58/15 86/25 143/13 143/15 144/9 188/3 197/25 talk [5] 54/11 78/8 82/25 138/2 148/8

```
T 72/13 77/18 91/8 121/25 theater [24] 5/7 5/9 5/12 135/6 142/7 142/8 165/9 6/24 7/6 38/1 68/13 75/16 123/12 148/9 187/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15 188/15
                                                                                           tested [1] 192/23
testified [6] 4/20 5/21
36/17 60/4 101/5 106/9
testify [4] 60/17 85/14
85/15 177/22
                                                                                                                                                                                         130/22 131/7 131/21 142/2
talks [9] 37/25 43/9 45/10 50/12 50/13 51/9 51/9 51/11
                                                                                                                                                                                          142/3 152/4 152/5 173/21
                                                                                                                                                                                      176/23 178/1 181/20 192/22 theater-wide [1] 68/13 theaters [5] 18/14 61/25
    59/3
tan [1] 53/4
tape [1] 199/14
task [51] 42/15 43/2 43/10
43/12 43/20 44/3 44/10 44/13
                                                                                                                                                                                       theaters [5] 18/14
83/15 84/22 140/20
                                                                                           testifying [1] 77/13
testimony [72] 3/23 3/25 4/3
5/10 5/16 6/1 6/12 7/18 9/3
14/20 36/6 40/9 40/22 42/7
                                                                                                                                                                                      their [120] 14/22 23/13 33/10 33/14 34/5 35/16 40/8
   44/15 44/22 51/10 52/6 52/8
                                                                                                                                                                                          40/9 40/9 42/14 45/25 52/24
   52/9 53/8 53/18 54/17 54/21
54/22 55/3 55/15 55/16 55/17
56/8 57/18 82/12 108/2
112/22 113/7 114/6 117/7
120/2 120/4 139/24 140/23
                                                                                              44/1 49/12 49/13 58/4 58/15
                                                                                                                                                                                          56/5 66/5 68/24 70/2 71/2
                                                                                              58/19 59/1 59/16 59/25 60/22
61/14 66/5 66/6 67/6 67/8
67/18 68/5 68/22 69/4 71/18
71/22 75/13 75/14 77/9 78/17
                                                                                                                                                                                         71/4 73/17 77/17 81/4 81/5
84/2 85/4 89/3 89/15 93/15
                                                                                                                                                                                         93/21 94/9 95/13 95/21 96/11
98/1 98/4 98/20 98/23 102/22
   141/2 141/3 141/16 141/20
                                                                                                                                                                                         104/21 105/17 105/19 107/7
109/11 110/4 113/1 115/12
119/7 119/7 119/10 121/18
                                                                                              82/24 83/1 83/4 89/5 89/5
89/16 99/19 100/4 100/7
   142/24 146/9 149/25 150/3
151/2 151/2 154/3 161/14
166/16 170/6 186/5 190/3
                                                                                              101/14 101/19 105/12 106/16
                                                                                              101/14 101/19 105/12 106/1

110/19 127/12 129/4 130/1

133/18 134/10 154/21 158/6

182/20 183/10 183/14 184/8

186/7 186/19 187/21 191/9

191/21 193/19 194/5 199/7
                                                                                                                                                                                          122/3 122/4 122/5 122/6
tasked [4] 49/20 62/15
141/21 159/14
tasks [4] 94/9 146/5 184/1
                                                                                                                                                                                         122/13 122/20 125/12 127/9
128/8 131/13 132/2 132/2
133/9 134/6 134/13 137/16
   186/12
                                                                                                                                                                                          138/20 138/22 139/15 140/8
Taylor [24] 24/1 24/5 24/16
24/20 24/22 24/25 25/2 25/3
25/6 73/25 138/14 138/14
                                                                                           testing [6] 77/14 77/15
77/19 192/18 192/23 192/25
tests [2] 25/1 77/17
than [28] 3/8 3/9 9/9 17/2
                                                                                                                                                                                         140/9 140/9 140/12 141/8
141/22 141/23 143/13 143/15
                                                                                                                                                                                         141/22 141/23 143/13 143/13
143/15 143/16 145/18 146/15
146/17 146/18 146/24 147/12
147/17 148/25 151/1 158/16
159/14 161/16 162/8 162/12
162/16 162/24 163/2 163/4
163/19 163/22 163/22 163/23
   138/15 139/13 139/16 139/21
                                                                                              than [28] 3/8 3/9 9/9 17/24
18/3 23/6 26/7 40/3 57/13
60/14 61/16 82/24 90/12 99/6
   139/22 140/2 140/7 141/10
141/17 142/7 178/13 178/17

B [3] 54/24 54/24 76/5
TB [3] 54/24
TCNs [1] 158
team [4] 166
167/13 196/1
                                                                                              99/13 99/13 106/19 108/9
                              158/8
                                                                                              110/23 137/5 138/11 144/19
156/17 162/10 168/16 169/22
171/19 192/4
                              166/20 166/23
                                                                                                                                                                                         166/10 167/14 168/9 171/1
174/15 176/2 176/12 178/22
178/23 179/4 182/24 183/16
team's [1]
teamed [1]
                                     166/23
                                                                                            thank [32] 4/11 8/9 13/9 14/10 34/11 34/12 43/18
                                     166/15
                                                                                                                                                                                      184/3 184/23 186/24 187/5
190/1 193/2 193/5
them [69] 10/17 12/14 18/3
30/18 46/11 46/13 74/24
teams [1] 168/15
tech [3] 161/2 161/5 161/6
technical [8] 40/24 45/24
46/3 50/17 53/21 78/7 109/16
                                                                                              62/23 62/24 63/8 63/22 86/5
86/16 86/19 98/10 98/14 99/8
102/9 102/10 102/12 123/13
                                                                                                                                                                                         46/24 66/12 71/13 74/14 86/9
86/10 86/13 97/16 97/17
104/6 105/22 108/1 113/14
                                                                                               123/13 145/6 153/5 160/9
   109/21
                                                                                              160/10 164/24 188/19 188/20
192/13 197/1 198/6
technically [1] 91/19
tee [1] 139/3
teed [1] 178/11
tell [14] 12/6 12/18 6
                                                                                           that [1372]
that's [144] 5/2 6/11 6/18
8/2 8/18 9/25 12/2 12/5
12/17 13/1 15/24 18/17 19/25
22/17 22/19 23/5 28/10 30/7
                                                                                                                                                                                          113/14 120/23 123/18 124/6
                                                                                                                                                                                         127/10 128/6 128/8 130/13
133/9 134/20 134/21 140/10
149/16 154/17 155/10 158/24
158/25 163/20 163/20 163/21
   ell [14] 12/6 12/18 63/20
89/14 103/10 105/8 105/22
107/8 107/8 107/10 108/6
   163/24 164/4 164/5
                                                                                                                                                                                         163/24 164/5 164/14 165/25
166/24 167/5 167/21 167/22
168/23 169/1 172/10 172/11
175/23 177/20 183/7 183/7
                                                                                              30/15 31/10 33/5 33/14 33/18
36/14 41/17 41/17 41/18
45/14 46/7 47/20 47/25 49/5
54/20 56/18 57/13 57/16
 telling [3] 50/25 138/5
   182/7
tells [3] 16/25
tempo [1] 67/12
                                 16/25 17/1 37/18
                                                                                                                                                                                         183/11 183/12 183/14 183/14
183/22 183/23 184/2 188/3
                                                                                               58/14 60/11 63/5 64/14 66/23
tempting [1] 195/22
ten [4] 37/13 158/19 195/13
                                                                                              67/19 72/4 76/22 80/3 80/8 81/8 83/8 91/2 91/15 94/8 101/2 103/9 109/5 110/25
ten [4]
195/18
                                                                                                                                                                                         188/5 188/6 195/20 196/17
197/22
ten-page [1] 195/18
tenet [2] 81/4 126/23
tenor [1] 101/20
tenuous [1] 37/3
tenue [3] 128/5 132/11
                                                                                                                                                                                      theme [2] 15/15 16/22
themselves [7] 5/16 42/23
49/16 132/1 156/16 162/10
                                                                                              112/10 113/17 117/25 118/4
                                                                                              118/6 118/10 118/10 118/11
119/5 119/9 119/21 120/5
120/21 122/11 122/15 123/4
                                                                                                                                                                                         166/16
                                                                                                                                                                                      then [55] 12/6 13/24 14/5 18/2 21/17 21/18 27/16 38/8
                                                                                               125/17 126/5 127/23 128/14
   187/23
                                                                                              129/23 130/8 131/17 131/19
132/6 132/16 133/13 134/10
136/15 136/17 137/1 137/18
   term [10] 92/10 92/19 103/11
107/11 136/3 141/19 148/18
150/16 152/5 155/12
 term [10]
                                                                                                                                                                                         43/21 44/6 45/2 46/24 48/16
49/10 49/16 51/11 52/25 53/2
                                                                                              138/24 138/25 141/21 144/21
145/13 149/8 151/1 152/23
152/24 153/2 158/15 160/4
160/18 160/22 161/2 161/12
                                                                                                                                                                                          53/4 53/5 53/7 53/9 53/10
53/14 54/3 55/13 55/17 58/11
terminology [1] 150/15
terms [44] 49/22 109/18
109/22 109/25 110/5 110/8
110/9 110/17 111/22 112/18
                                                                                                                                                                                         61/2 61/8 62/16 65/1 66/18
68/6 68/13 72/22 78/5 78/21
                                                                                              162/2 163/6 164/2 164/16
164/23 164/23 165/10 167/6
                                                                                                                                                                                          101/8 106/20 107/18 108/18
   112/22 113/6 116/18 116/23
117/21 118/8 118/21 119/24
122/5 122/15 124/6 124/23
125/13 127/78 127/23 131/2
                                                                                                                                                                                          116/24 118/9 120/8 123/12
                                                                                              167/25 168/10 169/24 170/11
173/24 173/25 174/13 175/9
                                                                                                                                                                                         128/1 134/19 137/7 144/2
144/5 144/5 157/14 191/13
                                                                                              176/8 176/23 176/24 177/4
177/6 179/16 181/9 182/12
                                                                                                                                                                                          194/1
   133/10 135/7 138/18 140/11
141/15 143/1 149/21 150/11
150/24 154/24 157/3 159/5
161/25 171/15 171/19 172/16
                                                                                                                                                                                       theories [3] 26/20 71/10
                                                                                              183/10 183/14 183/15 185/3
185/23 186/3 187/9 188/3
                                                                                                                                                                                          85/6
                                                                                                                                                                                       theory [4] 12/19 69/21 72/6
                                                                                              188/5 190/14 191/3 192/10
                                                                                                                                                                                          178/8
   172/19 186/2
                                                                                              193/21 194/19 194/19 195/11
                                                                                                                                                                                      there [180] 8/17 9/3 9/13 16/2 18/8 19/16 19/17 19/22
 test [16]
                                 28/22 29/23 30/11
                                                                                              197/16
   30/15 30/18 30/22 31/10
```

```
T 79/23 81/15 82/11 84/3 84/8 85/5 85/5 85/12 85/20 86/3 85/12 85/21 85/20 86/3 85/12 85/21 85/21 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/22 85/2
                                                                                                                                                                                                                          66/13 68/12 70/22 72/12
                                                                                                                                                                                                                       72/15 72/17 72/22 73/4 74/16
75/Rage/2315010235/3 77/17
                                                                                                              87/25 88/3 88/16 88/17 88/18
88/21 88/23 92/7 93/16 93/18
                                                                                                                                                                                                                         78/15 79/7 80/23 88/6 90/5
    31/14 31/21 34/13 37/18
                                                                                                                                                                                                                          92/17 92/25 93/2 93/10 95/9
   37/18 40/22 41/6 42/13 44/11
44/24 45/5 49/4 49/9 49/13
                                                                                                              94/15 94/21 95/2 95/11 95/21
96/22 97/21 97/25 98/3 98/8
                                                                                                                                                                                                                         96/6 100/11 100/16 102/8
106/14 106/21 107/23 109/20
    51/24 53/3 53/5 56/13 56/18
                                                                                                              98/19 99/9 99/24 101/11
101/25 102/3 105/2 111/8
112/16 117/8 118/17 119/15
123/23 133/21 140/4 145/21
                                                                                                                                                                                                                          110/9 110/14 111/9 112/22
    57/15 66/18 67/21 68/9 69/17
                                                                                                                                                                                                                         110/9 110/14 111/9 112/22
114/10 114/11 120/22 122/25
125/14 125/16 126/5 128/2
128/7 128/14 128/17 129/8
130/12 132/14 133/5 133/6
133/23 135/7 144/10 147/15
   69/22 72/5 72/17 73/12 73/13
76/25 77/10 77/14 78/6 78/9
78/11 79/9 80/17 81/10 82/12
                                                                                                              145/25 148/1 148/11 149/4
150/11 150/22 154/18 154/19
  82/13 82/18 83/3 83/15 83/21
83/22 84/16 84/17 85/24
87/13 87/15 88/8 89/4 89/4
89/5 89/5 89/25 90/2 92/10
92/11 95/11 95/12 95/12
                                                                                                                                                                                                                         149/20 151/20 154/23 154/24
156/20 159/6 162/7 166/1
169/4 170/8 177/11 178/25
182/25 185/18 189/13
                                                                                                             158/13 168/7 168/20 171/10
173/4 182/15 182/16 184/2
184/17 184/21 185/3 186/12
                                                                                                               196/17
   95/14 95/24 95/25 96/5 98/8
                                                                                                          they [352]
They'd [1] 164/15
they're [32] 10/15 12/23
39/10 39/11 40/5 47/8 65/1
                                                                                                                                                                                                                      though [14] 41/13 42/8 45/24 47/14 47/18 104/24 104/25
  30/14 93/24 93/25 96/3 96/6

100/2 102/23 104/1 104/19

104/25 105/5 105/8 105/13

106/1 106/3 106/3 107/5

107/21 107/22 108/23 108/24

110/20 112/4 112/9 112/13

112/15 113/9 114/3 120/4

120/7 120/14 120/16 123/9
                                                                                                                                                                                                                          136/12 147/16 156/6 161/8
                                                                                                                                                                                                                          168/18 168/19 169/5
                                                                                                                                                                                                                      thought [13] 15/6 29/17
35/24 64/4 64/22 65/4 70/11
83/9 144/3 144/4 144/4
                                                                                                              71/14 79/14 91/22 93/9 96/16
98/20 116/9 116/10 122/4
                                                                                                          98/20 116/9 116/10 122/4
122/14 124/17 127/8 131/12
138/23 146/14 154/11 156/21
162/14 165/21 166/3 167/2
167/3 167/4 167/15 196/16
they've [6] 10/16 19/9 117/1
131/16 166/1 166/4
thing [13] 38/17 54/17 72/25
94/9 129/23 130/21 130/22
   120/7 120/14 120/16 123/9
                                                                                                                                                                                                                          152/17 181/18
   123/10 126/13 130/7 131/22
132/8 132/15 133/4 134/12
138/10 138/11 138/13 138/13
139/16 140/9 140/9 140/16
                                                                                                                                                                                                                     thoughts [1] 74/10
thousands [1] 121/1
threats [1] 162/6
three [5] 36/22 55/5 66/1
66/6 174/15
   141/5 141/12 141/18 141/20
148/10 148/18 151/11 154/5
156/19 157/6 157/18 159/5
159/8 159/25 160/12 160/23
                                                                                                                                                                                                                      three-hour [1]
three-star [1]
                                                                                                              130/23 136/15 141/15 158/2
                                                                                                                                                                                                                                                                               36/22
                                                                                                                                                                                                                       threshold [3] 13/21 81/19
  159/8 159/25 160/12 160/23
161/8 163/13 164/13 165/6
165/13 165/17 166/3 166/4
168/21 168/22 168/24 169/10
169/11 169/12 169/13 169/16
169/17 169/25 177/1 177/1
177/2 179/17 181/21 183/8
183/20 183/23 184/10 184/19
184/23 187/1 191/10 191/10
193/4 193/16 193/17 193/17
                                                                                                              161/1 161/5
                                                                                                           things [23] 9/19 18/25 33/8 33/20 35/22 58/23 59/4 60/23 72/4 100/19 112/17 112/18
                                                                                                                                                                                                                          85/14
                                                                                                                                                                                                                      through [97] 10/20 17/22 18/3 22/18 35/2 36/5 36/7 39/12 46/13 46/14 49/10 52/9
                                                                                                              121/25 133/21 139/6 154/18
                                                                                                                                                                                                                         52/9 52/18 53/5 53/17 54/16
55/20 58/17 59/18 62/16
62/17 65/17 66/14 67/8 67/9
                                                                                                               177/5 191/7 191/19 192/15
                                                                                                          1///5 191// 191/19 192/13
194/2 195/16 196/11
think [88] 8/23 9/21 12/19
13/5 13/12 15/25 24/24 27/18
28/8 33/1 33/25 38/17 48/17
49/25 55/23 55/24 58/3 64/25
66/13 66/15 67/18 68/1 68/4
                                                                                                                                                                                                                          69/18 69/19 69/19 70/4 76/12
                                                                                                                                                                                                                         76/13 76/23 77/11 80/5 88/18 92/15 92/17 93/5 94/10 96/10 103/2 103/3 103/15 103/20 103/24 103/24 104/9 104/15 104/21 105/18 105/19 107/14
   193/25 195/16
there's [59] 8/20 11/24 12/15 23/20 25/12 26/25
                                                                                                              68/25 69/15 70/7 71/2 71/11
71/18 71/21 71/22 72/17 74/4
74/10 74/14 75/14 76/8 77/24
78/9 79/5 79/25 80/13 81/17
   30/17 34/7 44/11 45/11 47/5
48/10 54/8 55/13 56/12 57/4
61/14 62/6 69/16 69/17 80/11
                                                                                                                                                                                                                         113/5 113/10 115/14 116/7 116/15 119/3 119/11 121/1
   81/1 82/16 82/19 83/7 83/14
                                                                                                             81/20 82/1 83/3 83/13 85/24
86/9 88/16 88/20 89/10 91/9
91/16 92/4 93/24 94/20 94/25
96/4 96/8 98/7 99/14 101/24
115/18 115/20 115/22 122/18
                                                                                                                                                                                                                         121/9 121/18 121/20 121/21
122/5 124/21 125/17 125/25
127/14 129/3 131/8 136/13
145/11 145/21 146/2 149/17
152/16 154/16 157/17 159/21
   83/14 92/5 93/9 93/12 104/4
116/17 118/16 120/5 120/6
120/24 121/24 123/18 133/25
156/7 156/7 163/4 163/13
   163/14 165/7 169/21 170/18
174/19 182/24 183/18 184/13
                                                                                                              150/17 152/20 156/4 156/9
                                                                                                                                                                                                                          161/24 162/1 171/4 171/14
                                                                                                              160/7 176/16 178/16 179/15
181/7 184/5 187/8 187/9
188/10 188/17 192/12 193/10
                                                                                                                                                                                                                         172/3 174/14 174/21 177/21 180/1 180/5 182/1 182/20 182/21 186/5 189/14 191/1
185/9 186/8 186/11 186/18
191/7 192/7 193/6 194/11
therefore [3] 10/7 73/18
                                                                                                              194/1 194/4 195/16 195/17
                                                                                                                                                                                                                       throughout [3] 18/14 \ 52/13
   169/13
                                                                                                               196/11
                                                                                                                                                                                                                          149/8
                                                                                                          thinking [1] 37/14
thinks [1] 101/22
third [12] 26/2 26/13 26/19
26/23 27/4 27/6 31/25 64/14
81/2 81/23 158/8 158/13
therein [2] 79/16 174/13
these [168] 4/1 4/7 8/22
8/24 9/23 10/2 10/9 13/16
                                                                                                                                                                                                                      throw [1]
thrown [1]
throws [1]
thrust [1]
thumb [1]
                                                                                                                                                                                                                                                               79/8
                                                                                                                                                                                                                                                                 99/5
   13/20 15/2 15/3 15/11 15/21
16/2 16/21 16/23 17/1 17/5
17/19 17/23 18/7 18/9 18/11
                                                                                                                                                                                                                                                            55/10
134/5
                                                                                                           thirty [2]
this [431]
                                                                                                                                                                                                                      Thursday [3] 36/15 55/24 101/18
                                                                                                                                                     106/18 197/6
    18/12 19/6 19/8 19/10 19/12
                                                                                                          this [431]
thorough [2] 98/15 194/24
thoroughly [2] 21/20 142/19
those [123] 8/6 8/17 9/12
9/14 10/25 11/21 13/3 13/16
14/6 18/9 20/23 21/5 21/10
21/10 21/23 24/4 24/25 25/6
26/17 26/24 26/25 27/5 28/14
31/17 31/22 32/18 32/21
35/21 38/8 40/5 40/10 40/10
41/11 41/11 42/2 46/20 51/14
53/16 55/15 55/17 55/22 61/9
61/25 62/13 62/16 62/19 65/6
65/20 65/22 65/22 66/2 66/6
   19/13 19/14 20/8 21/6 21/12
21/20 21/20 22/3 22/4 22/10
25/2 25/13 25/22 26/4 26/4
                                                                                                                                                                                                                     thus [1] 73/20
tie [2] 84/18 106/20
tied [1] 172/16
tight [1] 63/12
time [59] 3/24 13/6 14/21
18/3 20/3 21/6 24/7 28/24
33/4 37/13 47/18 52/6 52/9
67/14 81/16 86/25 89/14
   27/13 29/24 31/8 31/24 32/12
33/4 33/5 33/8 36/12 38/14
38/15 39/14 40/15 41/5 41/9
41/13 42/22 44/13 44/14 46/4
   46/10 47/10 47/11 47/13
   49/20 50/5 50/8 52/8 53/21
54/14 55/6 55/15 62/20 64/3
                                                                                                                                                                                                                         104/19 107/3 107/6 107/21
109/1 113/17 114/12 114/12
   65/19 66/14 66/23 67/3 67/4
                                                                                                                                                                                                                         114/18 117/7 118/2 126/16
127/14 128/21 128/24 130/14
   68/15 68/18 68/24 71/7 72/9
   73/7 73/18 74/15 75/24 76/6
76/23 76/24 77/11 79/15
                                                                                                              65/20 65/22 65/22 66/2 66/6
                                                                                                                                                                                                                          130/15 134/4 139/17 140/20
```

```
135/21 136/19 140/9
                                                                                                                             190/25 192/1 197/3
 time. c. [22] 8:0b45/1-047/23-RW 113D/00111186/12480 Filed 03/22/1 27/20096723200f 235
                                                                                                                           underscores [1] 96/8
understand [21] 11/19 12/9
12/10 13/4 33/14 36/11 48/17
58/13 92/4 105/24 116/18
                                                               true [26] 8/19 11/9 11/21
   152/9 153/19 154/4 156/22
                                                                 12/23 13/4 18/16 33/20 57/13
  157/12 157/19 163/17 165/14
172/5 174/14 184/10 193/24
193/25 194/3 196/2 196/11
                                                                72/1 80/3 80/4 81/16 81/17
82/16 83/20 111/14 130/24
                                                                135/15 141/15 141/15 149/8
159/3 159/21 165/11 166/6
                                                                                                                             120/23 139/13 144/22 155/18
156/19 163/17 163/18 182/14
 timeframe [2] 146/10 151/8
 timeframes [1] 107/3
times [14] 23/8 76/25 78/6
                                                                                                                              187/6 187/7
                                                                169/6
 times [14] 23/8 76/25 78/6
104/3 108/24 120/16 161/19
169/2 169/3 186/20 186/21
189/19 189/25 193/14
                                                              truly [3] 18/9 121/10 136/18
trumped [1] 102/24
try [7] 13/24 25/12 64/4
64/6 73/3 84/15 96/11
trying [8] 31/3 37/3 101/21
101/23 122/3 130/16 139/5
                                                                                                                           understanding [10] 6/3 6/6
35/25 36/9 71/3 118/24
125/11 125/18 125/19 163/19
                                                                                                                            understood [8] 143/9 170/23
184/13 185/9 185/9 185/10
193/19 195/3
 Titan [1]
TITUS [1]
                       31/16
                       1/8
 today [14] 11/10 11/18 12/1 14/12 14/24 16/1 81/8 89/1
                        11/10 11/18 12/1
                                                                196/8
                                                                                                                            undisputed [3] 26/18 89/5
                                                              Tuesday [1] 9/1
turn [18] 16/5 17/4 18/20
22/8 23/1 24/20 27/9 34/14
                                                                                                                             101/9
   104/5 123/1 123/2 126/24
135/1 194/23
                                                                                                                            unequivocal [3] 59/6 101/13
                                                                                                                           101/14
unfettered [1] 15
unfortunately [1]
 today's [4] 1
139/19 183/19
                           139/3 139/9
                                                                47/2 50/11 55/15 73/6 74/18
                                                                                                                                                            156/23
                                                              74/21 86/22 94/1 128/1 179/2
turned [2] 25/11 129/6
turning [9] 20/6 23/25 24/6
26/1 26/11 28/5 28/20 30/11
                                                                                                                                                                   151/7
 together [6] 59/20 65/17 123/24 166/19 167/13 199/13
                                                                                                                           unifortunately [1] 151//
uniform [1] 49/8
uniforms [1] 155/6
unifying [1] 16/22
unilateral [1] 89/12
unilaterally [2] 5/8 124/
unique [2] 84/20 122/6
uniquely [4] 16/21 21/13
22/1 22/5
 told [18]
                      12/7 33/21 35/18
   36/14 36/23 39/18 39/23
                                                                68/23
   41/18 48/1 48/23 57/25 64/12
75/1 108/1 110/25 132/6
                                                              turns [1] 81/19
tweak [2] 53/15 131/24
twister [1] 150/16
two [39] 8/14 13/20 15/1
15/11 15/12 15/13 17/25
18/14 21/9 24/25 25/11 29/5
                                                                                                                                                                 5/8 124/5
   183/3 196/17
 tomorrow [1] 3/6
tongue [1] 150/16
too [9] 57/15 75/20 98/21
100/5 120/21 144/23 161/2
171/9 188/8
                                                                                                                            unit [27] 39/9 52/24 53/1 53/7 53/7 53/9 53/15 53/23 55/6 55/8 60/6 66/9 76/18
                                                                 31/20 32/18 33/20 35/6 46/23
                                                                                                                             78/7 124/4 167/2 167/19
167/19 167/20 167/22 169/18
169/19 169/19 173/20 173/21
                                                                49/25 59/6 65/20 69/3 71/10
 took [7] 60/3 77/20 118/20 128/24 129/5 143/8 190/23 top [2] 30/6 56/23
                                                                71/15 81/1 83/14 84/21 93/6
                                                                95/1 105/13 108/3 108/23
 top [2] 30/6 56/23
topics [1] 189/1
tort [22] 16/16 18/8 27/25
30/14 30/23 31/2 31/9 32/20
                                                                 112/4 133/14 134/25 139/9
                                                                                                                              173/21 185/13
                                                                                                                            UNITED [18] 1/1 1/9 1/19
36/22 40/4 48/13 63/14 63/16
94/14 118/14 123/23 145/12
                                                                140/20 180/15 180/21 186/13
                                                               two-star [3] 133/14 180/15
                                                                180/21
   87/9 87/11 87/13 87/16 94/19
                                                              type [15] 29/1 36/3 36/3 39/2 40/7 46/16 60/25 118/3 118/7 153/17 153/23 184/21 185/4 187/15 193/21
                                                                                                                              145/17 147/2 149/9 179/7
   95/2 95/23 96/10 97/4 98/4
                                                                                                                            180/21 199/4
units [5] 49/16 76/7 119/1
119/8 147/11
   98/7 102/4 102/7 179/5
 torture [1] 29/
total [1] 134/3
touch [5] 30/23
32/20 32/23
                           29/2
                                                              types [4] 22/3 22/4 182/25
184/2
                                                                                                                            universe [2]
unlawful [3]
                                                                                                                                                        15/8 71/9
28/7 28/10
                        30/23 31/2 31/9
32/20 32/25

touched [1] 90/24

touching [1] 16/16

toxic [2] 132/21 132/25

tracking [2] 43/24 130/14

traditionally [1] 22/7

training [4] 109/17 175/4
                                                                                                                             28/13
                                                                                                                            unless [6] 38/18 148/24
150/6 164/21 178/14 186/14
unlike [3] 18/10 18/19 137/9
unlimited [3] 102/24 121/3
                                                              U.S [9] 5/13 90/6 113/6 121/13 129/11 148/17 150/8
                                                              161/18 180/16
ultimate [2] 135/18 167/10
ultimately [3] 13/20 24/12
                                                                                                                             126/9
                                                                                                                            unnoticed [2]
                                                                                                                                                         84/5 84/6
  175/15 176/14
                                                                                                                           unprecedented [1] 18/9 unquestionably [1] 168, unrefuted [1] 62/18
                                                                166/20
 transcript [8]
                                 1/8 1/22
                                                              unambiguous [1] 149/21
unauthorized [4] 4/25 60/18
                                                                                                                                                                    168/3
                                                                                                                           unrefuted [1] 62/18

unregulated [1] 95/23

Unsupported [1] 82/8

until [1] 145/1

untrue [1] 12/2

unusual [2] 162/25 165/17

up [56] 13/17 25/19 33/9

35/2 49/10 52/14 53/20 53/22

70/12 71/13 78/1 80/11 86/8

86/9 86/20 86/25 96/20 98/24
   41/25 44/1 59/9 131/8 198/1
   199/12
                                                                62/5 89/9
 transcripts [2] 4/8 41/19
transition [3] 37/4 143/25
                                                               unaware [1] 132/24
                                                              uncontaminated [2] 151/25
   144/24
 translate [1]
                              44/23
                                                               uncontroverted [2] 68/22
 translated [1]
transport [1]
                                                                72/14
                               146/24
                                                              under [75] 12/18 16/9 17/7
17/9 19/17 21/24 23/8 25/2
25/3 25/9 26/7 27/4 28/15
29/12 29/13 46/8 52/6 52/8
72/6 72/19 72/24 73/15 73/17
80/7 86/4 102/2 106/5 111/16
112/25 114/6 116/25 117/12
                       35/14 48/25
 trash [2] 35
traveled [1]
                             186/18
                                                                                                                              86/9 86/20 86/25 96/20 98/24
tread [1] 63/16
treat [2] 163/20 193/13
treated [3] 122/2 166/12
                                                                                                                             103/2 104/8 106/20 107/12
113/4 115/2 115/3 128/14
128/17 130/13 133/10 133/21
   173/25
                                                                                                                              139/3 139/9 144/5 145/12
 treating [1] 193
trees [1] 82/15
                            193/25
                                                                                                                              146/13 146/15 150/1 151/12
                                                                119/7 119/23 120/19 122/5
                                                                                                                              158/3 158/18 158/24 159/25
160/22 161/1 163/5 164/11
                                                                135/3 135/6 135/10 136/2
 tremendous [1] 85/11
trial [2] 73/7 85/13
                                                                136/18 138/17 139/1 140/18
141/2 141/4 141/23 142/7
 trial [2]
tried [4]
                                                                                                                            160/22 161/1 163/5 164/11
166/21 167/10 177/16 178/11
179/16 193/5 193/22 195/4
197/7 197/24
upon [10] 10/8 10/10 10/19
117/3 126/1 131/16 132/5
                       20/15 81/6 85/11
                                                                 142/8 145/8 145/25 150/1
  194/22
                                                                162/19 165/15 165/16 168/15
172/6 172/12 173/7 174/5
174/25 176/2 178/8 178/17
179/5 184/2 184/21 186/20
 trigger [2] 140/1 169/7
triggers [1] 142/21
troops [4] 54/12 116/6 117/1
                                                                                                                             134/8 162/15 199/7
   117/11
                                                                186/21 189/2 189/20 190/24
                                                                                                                            upper [1] 119/22
 truck [6] 23/1 46/12 135/17
```

```
wars [2] 61/12 82/12 view [1] 69/8 wartime [8] 30/12 30/24 31/3 ws [11] 16/25 17/14 47/15 Wiew [1] 130/2 130/2 130/3 164/9
                                                                    Vincent [4] 130/2 130/3
132/21 175/18
                                                                                                                                       was [411]
wasn't [17] 37/12 46/8 58/14
62/3 80/19 81/10 85/20 114/3
   135/1_136/15 165/1 197/20
                                                                    Vines [24] 36/16 39/10 40/23
41/7 41/18 41/18 47/25 49/18
                    57/9
5/2 5/24 6/5 6/11
 USC [1]
use [74]
                                                                   41// 41/18 41/18 4//25 49/18 60/9 66/24 74/10 106/24 106/25 119/6 122/13 125/10 130/25 131/14 132/18 132/25 162/25 172/1 172/18 179/23 Vines' [2] 62/4 101/19 Vineses [1] 118/19 violate [1] 193/7 violated [5] 5/13 9/10 64/17 79/22 81/13 Violation [4] 12/4 64/16
                                                                                                                                         139/5 139/18 156/24 168/24
169/3 169/12 173/5 178/11
   7/3 7/8 8/6 8/8 14/12 27/14
   35/8 35/20 36/19 37/19 37/21
37/22 38/1 38/19 40/18 41/4
45/12 48/4 55/7 56/3 56/20
                                                                                                                                          197/9
                                                                                                                                       waste [92] 4/18 6/4 6/7 6 37/9 37/9 37/14 44/4 44/6
                                                                                                                                                                 4/18 6/4 6/7 6/22
  59/7 60/20 61/20 62/12 63/13
64/23 65/7 65/14 66/7 67/15
75/21 76/4 88/3 88/5 92/24
93/20 96/16 100/3 101/1
101/6 104/12 104/18 104/23
                                                                                                                                          50/20 64/11 71/13 72/11 74/3
                                                                                                 193/7
5/13 9/10 64/14
                                                                                                                                         74/13 75/19 76/2 76/3 79/2
79/5 97/7 101/1 101/7 104/13
                                                                                                                                         105/5 106/1 106/5 106/18
107/7 107/9 108/4 108/9
108/13 109/5 109/9 110/21
110/23 110/24 111/22 113/21
                                                                    violation [4]
                                                                                                   12/4 64/16
   105/2 105/10 105/23 106/7
108/6 108/16 108/25 109/4
111/6 111/23 112/5 112/14
121/3 126/14 127/16 129/23
                                                                    81/11 125/8

violations [13] 11/7 11/9

33/6 58/19 58/20 81/3 81/24
                                                                                                                                          114/13 114/21 114/22 114/25
                                                                      85/20 126/20 147/9 153/20
                                                                                                                                          119/15 124/15 126/10 126/17
  129/24 129/24 130/12 145/12
156/23 157/2 157/3 157/6
157/11 157/14
                                                                    171/9 171/10
violent [1]
visible [1]
                                                                                                                                          127/2 127/16 127/25 129/2
129/10 133/4 134/13 135/4
                                                                                                 36/24
                                                                                                                                         129/10 133/4 134/13 135/4
141/4 144/17 146/7 146/12
146/23 146/25 147/7 147/12
147/13 148/3 148/3 148/12
151/1 151/11 151/12 151/18
151/18 151/20 152/4 157/4
158/14 165/3 166/2 169/18
170/1 170/7 183/19 185/1
185/4 185/22 189/4 189/20
190/1 191/22 191/24 192/17
vastes [1] 62/13
                                                                                                 84/4
 used [12] 46/8 48/2 48/4 68/15 78/23 84/10 92/19
                                                                    visitors [2] 63/2 63/6
vital [2] 94/18 116/5
Vollmecke [6] 4/3 6/23
122/17 122/21 123/15 124/2
   107/11 125/11 130/17 131/23
   165/25
useful [3] 15/6 28/2 28/6
uses [1] 179/11
using [11] 8/1 37/7 37/8
61/6 65/1 107/23 111/17
                                                                    volume [2] 84/25 85, volunteer [1] 66/21
                                                                                             84/25 85/2
   118/24 119/12 132/13 147/25
                                                                                                                                       wastes [1] 62/13
wasting [1] 81/15
watched [1] 63/5
water [58] 54/6 54/10 54/
54/25 55/2 55/5 55/7 55/8
                                                                    Wade [4]
125/21
                                                                                         43/7 56/17 63/18
 utilize [3] 96/6 147/13
  151/24
                                                                   wade's [2] 52/1 54/19

wage [1] 97/13

walk [3] 18/2 54/16 154/16

walked [1] 145/21

Walsh [27] 3/24 5/20 5/21

6/10 6/14 6/24 42/6 44/21
utilizing [1] 146/24
utter [1] 136/22
utterly [1] 22/3
                                                                                                                                                                 54/6 54/10 54/11
                                                                                          18/2 54/16 154/16
                                                                                                                                         55/10 55/12 55/14 64/11 74/3
74/13 75/8 75/23 76/4 76/5
76/6 76/7 79/2 79/5 80/21
vacuum [1]
value [1]
valve [1]
variant [1]
various [7]
                           168/24
                                                                                                                                          88/13 106/19 119/16 127/25
                                                                      45/10 52/14 102/14 102/17
102/21 103/2 103/7 104/1
                         58/15
                                                                                                                                         135/4 144/18 146/7 147/5
147/20 148/7 151/15 151/15
                         120/6
                                                                   102/21 103/2 103/7 104/1

104/10 104/19 109/11 110/3

111/1 113/10 129/4 133/1

154/22 175/19 183/9

Walsh's [1] 6/1

want [59] 10/10 10/18 11/1

12/7 12/14 13/6 17/22 18/5

18/24 22/8 29/3 30/16 34/20
                              64/15
                                                                                                                                          165/3 170/1 170/8 189/4
  various [7] 11/7 56/19 68/3
111/5 113/22 174/22 174/23
                                                                                                                                         189/20 190/1 192/3 192/4
192/7 192/16 192/19 192/21
192/23 192/25 193/8 193/13
193/15 193/16 193/20 193/21
111/5 113/22 1, , varying [2] 41/13 41/14 vast [3] 10/5 106/6 140/20 vehicle [2] 36/25 135/17 vehicle-borne [1] 36/25 136/10 178/14
                                                                                                                                          193/22 194/1 194/12
                                                                                                                                       wave [1] 20/9
way [46] 19/15 22/24 23/20
25/12 26/25 27/18 42/21
47/21 52/14 52/17 54/18 55/4
                                                                      36/5 42/16 43/8 45/23 45/25
vehicles [1] 136/10
Veldman [1] 178/14
verse [1] 174/14
versed [1] 123/21
                                                                      47/7 47/8 49/24 54/7 54/16
63/1 65/24 69/25 73/21 75/20
                                                                      78/8 79/17 81/9 86/22 87/2
                                                                      88/20 88/23 89/22 90/24 94/1
                                                                                                                                          60/21 62/12 76/17 78/10
 version [3]
                            57/21 152/8
                                                                      97/15 99/8 105/10 105/24
107/11 119/4 125/24 139/7
                                                                                                                                         78/13 79/11 81/18 81/20 91/3 97/16 100/8 108/17 115/19
   160/20
 versus [3] 68/16 68/16
                                                                                                                                          118/23 119/9 120/24 131/2
                                                                      144/4 145/22 160/25 161/3
  169/14
                                                                                                                                         137/17 149/14 149/16 153/13
158/15 159/11 161/3 162/10
163/6 165/4 173/24 176/8
177/15 181/17 182/24 185/20
                                                                      162/20 170/3 172/23 177/14
179/14 180/5 184/4 195/8
 very [84] 4/12 8/9 14/21
15/13 18/12 18/16 18/16 19/3
20/7 20/19 21/9 22/1 22/4
                                                                      196/18
                                                                                                 10/8 11/14 11/22
                                                                    wanted [26]
                                                                      78/12 14/24 19/5 21/1 22/11 32/23 38/12 46/22 59/21 76/14 78/19 105/2 112/2 121/23
   22/13 25/1 27/9 27/10 27/13
                                                                                                                                         187/10
   27/20 30/3 32/8 32/8 32/23
40/22 42/22 43/12 48/21 50/2
55/7 57/19 60/10 60/22 62/23
                                                                                                                                       ways [3]
we [294]
we'd [4]
195/17
                                                                                                                                                             15/14 41/14 121/2
                                                                      130/22 139/6 139/8 149/23
149/24 186/4 188/7 188/25
                                                                                                                                                             17/14 183/13 183/14
   73/23 74/10 75/2 75/3 75/16
   78/11 79/10 79/19 84/20 87/5
                                                                   149/24 180/4 188/7 188/25

195/12 196/15

wants [2] 53/14 53/15

war [34] 18/14 35/15 44/12

66/25 67/12 67/12 68/19 74/7

82/20 83/15 84/21 84/22
                                                                                                                                       we'll [19] 3/16 13/24 14/2 14/5 35/2 40/24 46/15 81/24
   88/7 88/7 88/17 88/18 98/10
98/25 101/4 101/12 104/4
105/12 108/21 120/17 125/9
                                                                                                                                         112/6 121/25 122/6 144/25
150/10 153/3 157/15 164/20
   126/21 128/24 130/14 134/3
                                                                                                                                       191/13 194/13 197/22

we're [21] 13/18 17/16 25/1

33/22 48/7 63/5 78/8 87/24

97/15 101/24 119/17 119/18
   135/7 135/8 137/9 139/21
139/23 140/22 151/3 153/21
                                                                      97/13 97/19 97/23 99/5 102/2
102/4 106/7 107/3 118/2
   160/7 161/9 165/13 169/3
                                                                      119/5 120/1 123/18 124/2
   169/15 183/25 184/8 187/16
                                                                      125/1 131/7 136/25 140/21
144/15 152/5 170/6 183/18
                                                                                                                                         119/22 121/6 136/11 136/13
146/8 154/3 158/4 165/7
187/17 195/8 196/5 196/16
196/23 197/22 198/4 198/6
veteran [1] 150/13
veterans [1] 95/7
viable [1] 127/3
                                                                                                                                         187/15
                                                                      191/25
                                                                                                                                       we've [32] 12/25 13/13 53/
58/6 65/9 66/15 68/6 70/23
                                                                    warn [2]
                                                                                        26/22 97/25
                                                                                                                                                                 12/25 13/13 53/2
                                                                    warrant [1] 124/5
```

```
168/7 168/14 168/20 168/21
                                                                                                                                                                                                                                          127/17 128/22 137/20 141/6
  we've.ca52810971/d8079827RWT1680ccumentus 8072/24ed/33/22/
                                                                                                                                                                                                                                    145/24 149/10 150/3 150/8
1/15 19/ages 234 019/35 159/20
                                                                                                                                                                                                                                          169/9 170/3 170/15 172/1
                                                                                                                        173/13 173/16 173/24 174/11
      85/13 86/24 87/19 87/21
                                                                                                                       174/19 177/1 177/2 177/2
177/5 177/25 181/5 184/9
184/21 186/21 187/1_189/3
                                                                                                                                                                                                                                           175/16 184/22 191/9 195/20
                                                                                                                                                                                                                                   175/16 184/22 191/9 195/20
198/3

where [57] 6/21 6/21 7/10
7/14 26/14 26/15 30/12 31/4
31/4 31/5 37/18 37/25 43/10
47/3 48/11 55/24 56/6 56/9
58/9 59/8 60/22 65/7 68/2
68/3 73/20 75/3 75/9 75/10
76/5 77/19 83/8 87/3 87/13
90/2 93/19 96/2 101/18 111/9
112/8 130/14 130/15 134/5
134/7 141/8 142/17 143/10
143/19 147/15 158/7 170/8
174/2 178/14 179/9 182/9
185/3 192/9 193/17

whereas [1] 24/23
wherein [1] 96/22
whereof [1] 199/15
whether [50] 5/7 6/3 10/11
11/24 12/22 20/17 20/24 25/3
30/21 31/2 32/20 41/17 41/17
53/18 74/1 74/14 76/20 76/24
77/20 79/19 81/21 82/3 87/10
87/19 87/25 88/4 92/14 105/1
108/10 112/5 117/17 126/9
129/1 134/14 134/14 134/20
135/2 135/10 139/22 140/10
141/9 141/12 142/18 146/1
157/2 161/24 165/1 165/2
178/19 183/4
which [115] 4/9 5/3 6/4 6/20
     93/24 94/11 94/12 105/13
108/24 119/3 123/7 133/1
172/23 176/16 183/3 192/6
                                                                                                                   189/17 191/11 193/17 193/25
195/1 197/8
weren't [11] 3/5 11/16 31/22
38/14 77/1 133/22 134/21
143/13 191/8 193/16 196/22
Wes [6] 3/23 7/20 49/12
133/19 134/10 181/2
      197/9
 wealth [2] 23/3 23/17
weaving [1] 76/15
weeds [2] 22/25 53/21
weeds [2] 22/25 53/21
week [9] 8/15 9/22 10/14
15/5 70/24 184/19 184/20
186/10 186/10
week's [1] 65/25
weekend [1] 197/8
weigh [1] 36/12
weighing [1] 176/8
weight [1] 145/16
welcome [1] 63/5
welfare [1] 67/11
well [71] 3/7 4/11 9/19
10/15 12/3 12/6 13/7 14/13
17/3 35/8 41/25 44/11 44/19
                                                                                                                   Wes [6] 3/23 7/20 49/12

133/19 134/10 181/2

West [1] 95/24

What [178] 6/5 6/7 10/19

12/12 12/14 13/18 20/18 28/9

28/9 28/12 29/8 30/19 30/20

35/18 35/18 35/21 36/14

38/11 39/17 40/16 40/17

40/19 41/7 43/2 47/25 51/14

52/10 52/22 52/24 54/11
                                                                                                                        52/10 52/22 52/24 54/11
54/23 56/10 57/23 58/1 58/21
                                                                                                                        59/21 60/14 63/21 64/12
      17/3 35/8 41/25 44/11 44/19
                                                                                                                        64/14 64/20 64/21 65/4 65/11
                                                                                                                       64/14 64/20 64/21 65/4 65/11 65/16 66/23 67/11 67/20 68/2 68/10 68/16 68/23 69/7 70/7 72/9 74/22 75/1 76/9 76/19 78/16 78/18 79/2 79/8 79/17 79/17 81/3 85/14 85/23 87/18 88/2 89/10 89/15 90/14 90/17 92/4 94/17 97/3 97/5 97/20 101/12 101/21 101/22 101/22 102/17 102/21 105/8 105/16
      50/5 50/22 66/10 66/15 74/25
     79/16 79/21 80/2 80/3 80/6
80/8 81/14 85/19 85/21 88/3
88/12 88/17 89/11 101/22
    88/12 88/17 89/11 101/22
104/4 104/25 105/8 117/17
117/20 119/14 122/24 123/8
123/9 123/11 124/25 136/24
137/22 138/10 138/16 139/5
140/16 141/18 142/7 144/6
144/25 150/12 150/17 152/23
156/1 158/1 160/22 162/15
169/3 175/13 179/19 182/6
                                                                                                                                                                                                                                     157/2 161/24 165/1 105/2

178/19 183/4

which [115] 4/9 5/3 6/4 6/20

10/9 10/10 10/18 10/21 11/14

11/15 12/6 12/13 12/18 14/25

16/6 16/25 17/18 17/20 18/13

19/17 19/19 20/2 20/18 22/6

24/2 24/8 24/20 25/1 25/16

26/3 27/23 29/11 29/23 30/13

32/6 32/7 33/4 34/2 35/19
                                                                                                                       102/17 102/21 105/8 105/16
105/16 106/13 106/21 107/25
108/6 109/5 110/5 110/9
110/15 110/25 113/17 113/24
      184/9 187/13 188/18 195/11
                                                                                                                       114/4 114/10 115/16 115/21
115/23 116/6 116/7 118/12
118/24 119/4 119/6 119/6
      196/14 197/18 198/6
  went [14] 21/8 21/9 27/2 59/8 67/20 76/12 84/4 84/6 109/10 121/1 124/2 184/19
                                                                                                                       118/24 119/4 119/6 119/6
120/10 121/2 121/6 123/12
125/14 125/23 126/4 127/6
127/7 127/11 127/23 128/10
128/12 129/9 131/11 132/6
132/16 133/23 135/13 136/8
136/17 136/20 137/5 138/5
145/13 145/17 146/2 148/20
149/16 149/23 149/23 149/24
                                                                                                                                                                                                                                          32/6 32/7 33/4 34/2 35/19
39/9 40/12 40/24 40/25 42/14
44/12 44/20 46/25 48/16
     184/20 193/24
 were [199] 5/12 5/18 8/22
8/25 9/6 9/7 10/3 11/6 11/15
15/4 19/3 19/17 19/22 21/12
21/19 22/4 23/9 23/12 24/24
25/4 25/16 25/24 27/5 29/7
                                                                                                                                                                                                                                         44/12 44/20 46/25 48/16

50/10 52/1 52/1 53/2 53/3

53/4 54/19 54/24 56/25 57/7

57/13 58/7 61/15 61/17 63/24

70/6 73/6 74/21 75/5 75/6

79/12 85/22 86/20 88/25

89/23 90/15 91/5 93/5 100/5

104/11 104/23 107/11 115/15

116/25 117/1 117/2 122/10

124/18 125/2 127/2 130/2

130/6 131/7 135/16 136/3

139/2 139/13 148/6 151/6

152/10 152/20 155/3 155/15

156/14 160/20 165/4 167/1
      29/8 29/24 29/25 30/1 30/2
                                                                                                                       159/16 149/23 149/23 149/23
150/24 151/1 151/4 153/12
153/24 153/24 153/25 155/9
155/9 156/10 156/14 156/25
157/2 157/9 158/11 158/21
160/2 162/20 164/1 164/2
       31/8 31/17 33/19 34/3 34/17
     37/11 40/9 40/10 45/13 47/19
48/2 48/4 49/1 49/9 50/7
50/9 51/14 57/25 59/23 64/22
     65/4 65/6 66/2 66/3 66/23
67/3 68/1 68/12 68/20 68/21
69/1 72/2 74/12 76/19 76/21
76/24 76/25 77/3 77/10 77/21
78/6 79/22 80/4 80/9 80/9
                                                                                                                       166/25 167/6 167/15 167/16
167/25 168/16 169/9 176/21
178/24 181/9 182/7 182/10
195/7 197/12 197/12
                                                                                                                                                                                                                                     156/14 160/20 165/4 167/1
168/11 169/20 171/22 174/5
174/12 176/5 178/18 179/9
181/12 191/4
while [17] 8/1 8/1 94/20
99/11 113/12 114/16 125/10
                                                                                                                    what's [9] 32/17 33/10 47/10
47/11 90/10 163/24 164/3
170/6 170/14
     81/16 82/12 83/2 83/11 83/25
84/3 84/4 84/8 85/12 85/15
91/20 92/17 94/15 95/14 99/3
100/20 101/21 101/23 103/6
                                                                                                                    what-not-how [8] 74/22 79/8 108/6 110/5 110/15 153/12
     104/11 106/3 106/5 107/21
107/22 108/4 111/2 112/1
112/9 112/10 113/21 114/19
                                                                                                                                                                                                                                          127/12 153/9 159/3 160/1
160/11 181/22 188/1 192/16
                                                                                                                        153/24 153/25
                                                                                                                   whatever [11] 44/17 46/21

47/13 53/8 84/11 90/13 90/19

128/7 133/10 154/9 178/23

wheel [3] 23/1 34/18 80/18

when [76] 4/23 5/6 5/7 6/1

6/5 6/13 6/21 7/13 7/23 9/21

22/9 24/20 28/14 31/3 35/11

36/17 38/10 48/1 48/11 57/21
                                                                                                                                                                                                                                          196/14 196/22
      white [1] 154/11
who [54] 4/18 5/20 6/4 27/13
27/13 32/10 36/2 39/10 39/11
39/23 42/6 43/7 48/21 48/22
     120/14 120/16 122/6 122/8
125/16 126/5 126/20 128/7
128/23 129/16 130/4 130/15
     130/15 130/16 130/21 132/3
132/5 132/12 132/13 133/4
133/6 133/21 133/23 133/25
134/6 135/6 137/25 138/4
138/4 139/10 140/7 140/12
                                                                                                                                                                                                                                          49/8 49/9 49/20 53/6 63/15
                                                                                                                        36/17 38/10 48/1 48/11 57/21
59/4 59/11 61/7 62/2 62/19
                                                                                                                                                                                                                                          65/6 65/7 65/7 65/14 65/14
65/15 65/19 65/21 65/22
                                                                                                                       59/4 59/11 61/7 62/2 62/19
63/17 64/2 66/11 68/7 68/12
70/7 71/12 76/25 78/6 78/12
81/17 89/14 97/23 106/4
106/10 107/4 107/8 107/9
107/13 107/16 108/20 117/9
117/10 118/20 119/19 122/25
126/12 126/17 126/19 127/4
                                                                                                                                                                                                                                          66/16 67/20 77/9 78/1 84/7 93/3 102/23 104/14 104/14
     143/8 143/14 145/11 148/1
148/6 149/4 149/10 156/21
156/22 156/25 157/3 157/6
157/13 157/17 158/8 159/5
                                                                                                                                                                                                                                          115/1 125/21 126/2 131/17
133/3 134/11 135/18 137/20
                                                                                                                                                                                                                                          137/24 166/15 166/21 166/23
                                                                                                                                                                                                                                          166/24 167/4 174/3 175/19
     159/8 164/12 165/12 165/13
166/11 166/12 166/14 166/16
                                                                                                                                                                                                                                          184/5
```

```
150/6 150/20 151/9 151/16
  who's [1]se $600 md-02083-RW T165/20 159/20 163/2 163/8 175/8 175/11 175/14 175/18 whole [2] 33/21 43/19 083-RW T165/02 unternt $48057/Fille dt 703/22/1 176/age183/50123/53 194/9
                                                              171/19 185/14 185/16 190/9
 wholly [1] 85/9
whom [5] 4/3 66/3 66/4 69/2
                                                              190/11 197/19
                                                            worked [6] 59/20 158/15
163/16 164/14 176/9 181/20
    69/3
 whose [2] 42/7 63/4
why [20] 12/19 13/1 33/22
41/18 61/5 63/5 80/4 80/5
87/7 94/21 110/7 112/6 121/7
123/23 125/9 129/15 141/13
                                                            worker [1] 24/6

working [6] 7/24 166/20

167/13 171/17 187/2 189/20

works [3] 43/3 119/9 163/6

world [8] 27/22 34/18 97/3

98/2 98/3 102/6 118/19
    163/14 184/20 193/21
 wide [1]
wild [3]
will [45]
                     68/13
                                                              129/16
   vild [3] 95/24 95/24 107/12
vill [45] 4/12 13/12 13/14
13/16 13/22 14/1 14/4 14/6
                                                            worth [1] 43/5

would [168] 3/12 3/24 4/2

4/9 5/25 7/15 8/12 15/6

15/11 16/10 16/22 18/17

19/10 20/15 20/15 20/16
    14/14 17/24 20/17 20/24
   28/23 30/16 30/22 37/18
46/11_46/13_55/9_62/19_66/9
                                                              21/21 23/22 25/25 27/23 28/1
   73/4 74/19 75/8 76/6 76/15
                                                               30/5 31/2 31/6 31/9 32/20
    78/2 81/1 86/17 126/13 135/5
                                                              33/20 33/21 34/1 34/4 34/18
38/2 39/2 41/7 44/2 44/7
45/5 45/9 51/24 54/13 54/18
   139/3 139/15 142/12 145/2
150/25 154/17 155/6 158/2
    174/2 177/20 188/22 197/6
                                                               56/25 61/6 61/10 63/16 64/4
   198/2 198/2
                                                              65/5 65/16 68/3 71/25 73/3
73/6 73/9 73/15 75/5 75/6
78/7 78/14 78/15 79/15 79/18
  Williams [2] 133/1
win [2] 33/24 74/9
                            133/18 175/9
 win [2] 33/24 74/9
window [1] 47/15
wire [4] 37/2 67/14 67/15
                                                              79/24 80/2 80/6 82/20 82/20
                                                              83/8 83/9 83/9 83/11 83/13
    69/23
                                                              83/17 83/23 83/24 85/4 85/10
 wisdom [2] 149/22 1
wish [2] 8/14 123/5
                        149/22 157/10
                                                              85/11 85/15 87/3 87/7 89/13
90/9 90/19 91/13 91/13 91/21
 wished [1] 99/11
withdrawn [1] 71/4
within [17] 14/25 25/11
32/14 35/19 37/6 38/2 42/9
                                                              92/20 93/21 94/7 94/15 94/17
94/17 95/19 96/9 97/3 97/5
97/5 97/7 97/10 97/11 97/12
                                                              97/14 97/17 97/20 97/21
    54/19 54/22 55/17 58/10
                                                              103/9 103/12 105/19 106/22
    58/16 110/21 161/10 161/10
162/12 181/11
                                                               107/23 108/10 108/11 113/12
                                                               114/5 114/10 114/24 118/1
 without [22] 4/22 6/25 7/10 7/14 21/22 22/20 25/12 29/21
                                                               119/20 120/13 122/19 122/23
                                                              125/11 126/1 128/18 134/19
136/10 139/14 143/17 143/25
    39/12 42/15 49/3 64/17 66/25
   74/14 82/3 82/4 83/6 83/13
83/18 95/4 113/15 119/8
                                                              144/4 144/23 144/24 146/4
146/10 147/5 147/7 147/17
  witness [29] 4/4 5/19 6/23
7/5 14/20 35/5 36/16 43/7
48/23 60/5 60/15 69/14 83/1
83/10 89/8 89/16 99/19 101/5
                                                              147/20 148/6 150/23 152/4
153/24 155/19 156/11 158/3
158/20 158/21 158/23 158/24
                                                              136/20 136/21 136/23 136/23
160/3 162/22 163/12 163/13
163/23 163/24 173/19 176/6
181/16 183/11 184/6 189/10
189/14 189/14 191/6 192/5
192/14 193/13 197/17
   104/21 130/25 132/19 143/8
170/18 185/5 185/25 186/1
186/4 193/10 199/15
  witnesses [41] 3/14 4/1 4/7 7/9 8/4 9/10 48/21 49/25 54/2 57/23 58/17 60/3 65/12 65/12 65/12 65/19 65/23
                                                            wouldn't [10] 103/11 120/12
138/1 140/2 140/3 140/4
144/12 164/15 181/15 181/16
                                                                                         103/11 120/12
    65/24 66/2 66/2 66/3 66/4
                                                            wrap [1]
                                                                              144/5
    66/7 66/8 68/24 69/1 71/2
                                                            writing [2] 105/20 149/20 writings [1] 82/4 written [4] 104/17 113/25
   83/11 85/13 99/19 101/16
106/9 133/2 143/9 164/11
171/25 174/11 176/11 176/11
won't [3] 17/23 2//10

won't [3] 17/23 2//10

wood [1] 155/5

wooden [1] 155/5

word [2] 8/14 73/21

words [8] 20/18 23/6 29/21

44/2 63/13 67/2 96/25 127/15

work [69] 25/9 26/7 26/7

42/16 43/10 43/13

44/22 45/3
                                                              142/14 156/11
                                                            wrong [2]
wrote [1]
                                                                                  70/9 100/12
                                                                                  89/25
                                                            yards [1] 136/11
                                                            yeah [4]
                                                                               78/17 152/25 154/22
                                                              160/\bar{17}
                                                            years [6] 62/14 62 99/23 121/2 130/11
                                                                                 62/14 62/14 62/14
    43/21 44/10 44/13 44/22 45/3
                                                            yep [1] 66/16
yes [49] 6/5 11/3 14/16
20/11 43/16 44/7 51/18 68/13
    45/4 45/6 45/20 45/21 46/8
51/10 52/22 52/23 52/25
    53/19 59/23 62/16 74/6 89/21
                                                              78/6 79/14 82/10 82/16 83/17
    99/6 103/15 103/20 108/2
                                                              86/12 95/16 105/7 105/19
107/18 107/23 109/1 109/21
110/15 110/15 118/13 123/2
    116/10 120/17 123/24 125/20
    130/7 134/18 140/9 140/10
    140/14 141/8 141/16 141/22
                                                               123/10 130/19 134/19 137/3
   141/22 141/25 142/25 143/12
147/24 148/16 148/25 150/1
                                                              139/8 142/3 153/3 165/20
```

173/9 173/12 175/3 175/5 194/18 195/6 195/9 197/4 50/1 50/1 69/9 yet [4] 178/21 you [369] you'll [9] 15/25 55/3 55/19 56/17 89/24 146/9 154/18 158/17 195/25 you're [30] 3/5 11/20 12/22 18/23 31/3 33/7 63/21 69/24 82/13 86/13 92/5 97/16 103/7 111/12 117/11 123/12 126/8 136/4 136/4 155/17 156/6 167/23 167/24 170/11 170/13 174/20 185/23 187/24 194/16 197/13 you've [18] 33/12 40/4 51/20 65/16 88/17 100/5 33/12 40/4 51/19 104/2 117/16 140/5 140/18 152/12 154/2 159/6 174/18 195/4 196/23 198/1 your [460]

**Zamparelli [2]** 126 **zero [2]** 69/7 96/5 126/7 173/6 124/2 136/25 zone [2] zones [2] 97/23 125/1